

## Grossular(Haselton)\_1.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

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Grossular(Haselton)_1.txt
5.02672, 0.01421, 0.001393
5.03133, 0.01305, 0.001061
5.03363, 0.01286, 0.001071
5.38605, 0.01417, 0.001307
5.39176, 0.01393, 0.001236
5.39503, 0.01371, 0.001185
5.77494, 0.02052, 0.001272
5.78333, 0.01451, 0.001576
5.78705, 0.01698, 0.001478
6.18876, 0.02674, 0.002985
6.1975, 0.02453, 0.001684
6.19891, 0.02277, 0.002722
6.65525, 0.02975, 0.001713
6.65832, 0.02706, 0.001834
6.66822, 0.0285, 0.005092
7.1268, 0.0367, 0.002102
7.12945, 0.03686, 0.001967
7.13301, 0.03633, 0.001964
7.63896, 0.04152, 0.002453
7.64163, 0.04186, 0.0023
7.64495, 0.04142, 0.002282
8.18813, 0.05494, 0.002858
8.19011, 0.05473, 0.002699
8.19377, 0.05473, 0.002647
8.777, 0.06909, 0.003389
8.77935, 0.06884, 0.003131
8.78294, 0.06892, 0.003116
9.40759, 0.08064, 0.003859
9.40986, 0.08163, 0.00369
9.41324, 0.08138, 0.003658
10.0837, 0.107, 0.004711
10.0858, 0.1072, 0.004215
10.0893, 0.1069, 0.004259
10.8092, 0.1316, 0.005369
10.811, 0.1305, 0.005024
10.8137, 0.1312, 0.00509
11.5864, 0.1557, 0.006575
11.5915, 0.1539, 0.005884
11.5954, 0.1541, 0.005905
12.4232, 0.1954, 0.00768
12.4239, 0.1937, 0.006976
12.4269, 0.1943, 0.00712
13.3153, 0.2488, 0.009218
13.3154, 0.2458, 0.008383
13.3189, 0.2453, 0.008289
14.2719, 0.3032, 0.01019
14.2728, 0.3065, 0.01093
14.2745, 0.3053, 0.01019
15.2963, 0.3803, 0.01253
15.2986, 0.3828, 0.0135
15.299, 0.3789, 0.01269
16.3945, 0.4694, 0.01523
16.3972, 0.4686, 0.01574
16.398, 0.4722, 0.01666
17.5718, 0.5842, 0.01892
17.5734, 0.5902, 0.02198
17.5761, 0.5813, 0.01911
18.8366, 0.7324, 0.02382
18.8385, 0.733, 0.02434
18.8402, 0.7427, 0.02805
20.1855, 0.9123, 0.02869
20.1927, 0.9157, 0.03033
20.2033, 0.9269, 0.03541
21.6377, 1.136, 0.03655
21.6456, 1.142, 0.03764
21.6593, 1.154, 0.04453
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## Grossular(Haselton)\_1.txt

23.1926, 1.452, 0.04618  
23.2026, 1.445, 0.04944  
23.2179, 1.47, 0.05518  
24.8601, 1.832, 0.05826  
24.8665, 1.829, 0.0601  
24.8892, 1.86, 0.06754  
26.6474, 2.243, 0.07516  
26.6568, 2.218, 0.07688  
26.6742, 2.313, 0.09029  
28.5674, 2.841, 0.0924  
28.5745, 2.846, 0.09258  
28.5998, 3.085, 0.1271  
30.6216, 3.651, 0.1163  
30.6237, 3.643, 0.1157  
30.6628, 3.698, 0.1305  
32.8259, 4.631, 0.1424  
32.8279, 4.638, 0.1447  
32.8735, 4.702, 0.1512  
35.1884, 5.839, 0.1767  
35.1899, 5.836, 0.1762  
35.2386, 5.901, 0.1831  
37.7261, 7.247, 0.2158  
37.7266, 7.291, 0.2161  
37.7808, 7.388, 0.2251  
40.4415, 9.164, 0.2594  
40.4421, 9.154, 0.2598  
40.5028, 9.254, 0.2781  
43.3489, 11.31, 0.308  
43.3508, 11.31, 0.3078  
43.4109, 11.42, 0.3253  
46.4687, 13.93, 0.368  
46.4713, 13.93, 0.3689  
46.5387, 14.13, 0.3885  
49.8145, 17.15, 0.4305  
49.816, 17.13, 0.4287  
49.8893, 17.38, 0.4556  
53.3996, 20.86, 0.4964  
53.4011, 20.95, 0.4988  
53.4795, 21.07, 0.528  
57.2466, 25.3, 0.5735  
57.2484, 25.34, 0.5713  
57.3232, 25.49, 0.5966  
61.3657, 30.27, 0.6522  
61.3681, 30.25, 0.6534  
61.4528, 30.48, 0.671  
65.7789, 35.94, 0.7279  
65.7805, 35.96, 0.7285  
65.8688, 36.13, 0.7595  
70.5194, 42.21, 0.8066  
70.5204, 42.16, 0.816  
70.6118, 43.07, 0.8434  
75.5839, 49.78, 0.8943  
75.586, 49.74, 0.9001  
75.6731, 50.25, 0.9254  
81.0337, 57.97, 0.9872  
81.0357, 57.89, 1.002  
81.1299, 58.21, 1.004  
86.8591, 67.11, 1.074  
86.8598, 67.11, 1.101  
86.9552, 67.37, 1.104  
93.0922, 76.72, 1.157  
93.0962, 76.72, 1.16  
93.1914, 77.06, 1.196  
99.7857, 87.9, 1.25  
99.7886, 87.93, 1.258  
99.8908, 88.05, 1.281  
106.964, 100.4, 1.333  
106.966, 100.1, 1.339

Grossular(Haselton)\_1.txt

107.069, 100.6, 1.37  
114.651, 113.6, 1.422  
114.654, 113.8, 1.422  
114.758, 113.9, 1.469  
122.901, 126.9, 1.495  
122.901, 126.9, 1.5  
123.008, 127.1, 1.544  
131.731, 140.9, 1.561  
131.734, 140.8, 1.574  
131.84, 141.3, 1.607  
141.204, 155.8, 1.657  
141.205, 155.8, 1.654  
141.312, 156.2, 1.697  
151.35, 171.7, 1.72  
151.355, 171.5, 1.707  
151.459, 171.6, 1.75  
162.248, 189.9, 1.781  
162.249, 189.4, 1.785  
162.352, 190.1, 1.819  
173.911, 204.1, 1.833  
173.914, 203.9, 1.84  
174.005, 204., 1.896  
186.493, 219.7, 1.906  
186.494, 219.9, 1.89  
186.588, 219.9, 1.926  
199.884, 237.4, 1.948  
199.887, 237.1, 1.956  
199.97, 238., 2.036  
214.233, 254.1, 2.007  
214.235, 254., 1.992  
214.31, 254.2, 2.064  
229.613, 270.5, 2.038  
229.613, 270.4, 2.026  
229.67, 270.5, 2.074  
246.109, 289., 2.085  
246.112, 288.3, 2.089  
246.122, 288.6, 2.165  
263.72, 304.2, 2.206  
263.755, 304.1, 2.146  
263.757, 304.3, 2.14  
282.556, 320.4, 2.232  
282.662, 319.6, 2.217  
282.663, 320.2, 2.193  
302.816, 335.5, 2.202  
302.914, 335.7, 2.205  
302.93, 335.3, 2.23

## Grossular(Haselton)\_2.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

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Grossular(Haselton)_2.txt
5.05568, 0.01418, 0.004572
5.06076, 0.01644, 0.00294
5.06419, 0.01496, 0.009928
5.42474, 0.01814, 0.002415
5.42914, 0.01748, 0.002519
5.43368, 0.01502, 0.002574
5.81677, 0.02625, 0.001972
5.82389, 0.02121, 0.00194
5.82543, 0.02163, 0.001893
6.23318, 0.02573, 0.002695
6.23729, 0.02351, 0.007445
6.23976, 0.02281, 0.007415
6.6955, 0.02957, 0.002397
6.69681, 0.02797, 0.002342
6.69759, 0.02766, 0.002779
7.14581, 0.04045, 0.002976
7.15111, 0.04092, 0.002723
7.15616, 0.03842, 0.002829
7.65912, 0.04741, 0.003406
7.66503, 0.04608, 0.003172
7.66821, 0.04489, 0.003262
8.20842, 0.06042, 0.00389
8.21334, 0.0594, 0.003808
8.21753, 0.0583, 0.003852
8.79792, 0.07665, 0.004588
8.80323, 0.07384, 0.004728
8.80623, 0.06251, 0.04859
9.42922, 0.08964, 0.005417
9.43416, 0.08839, 0.005017
9.43954, 0.08838, 0.00504
10.1052, 0.1175, 0.006565
10.1109, 0.1165, 0.00624
10.1169, 0.1152, 0.005943
10.8348, 0.1448, 0.0066
10.8401, 0.1416, 0.005797
10.8458, 0.1424, 0.005727
11.6105, 0.1745, 0.0078
11.6155, 0.1713, 0.006968
11.6217, 0.1707, 0.006697
12.442, 0.213, 0.009473
12.4465, 0.2084, 0.008019
12.4527, 0.2073, 0.007982
13.3354, 0.267, 0.01128
13.3397, 0.2605, 0.009507
13.3449, 0.2585, 0.009527
14.2913, 0.3268, 0.01364
14.2947, 0.323, 0.0121
14.3002, 0.3155, 0.01187
15.3169, 0.4068, 0.01731
15.3194, 0.3946, 0.0144
15.3241, 0.392, 0.01446
16.4182, 0.5019, 0.02113
16.4201, 0.4907, 0.01764
16.4243, 0.4834, 0.01765
17.5995, 0.6308, 0.02761
17.6007, 0.6105, 0.02175
17.6038, 0.5939, 0.02281
18.8627, 0.7526, 0.02796
18.866, 0.7568, 0.0281
18.8681, 0.7728, 0.06815
20.2074, 0.9306, 0.03456
20.2135, 0.9105, 0.04011
20.2344, 0.9487, 0.03753
21.6587, 1.154, 0.04143
21.6713, 1.116, 0.0437
21.6845, 1.206, 0.05087
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## Grossular(Haselton)\_2.txt

23.2141, 1.45, 0.05412  
23.218, 1.476, 0.3718  
23.2457, 1.484, 0.05456  
24.8785, 1.787, 0.1117  
24.8788, 1.8, 0.06607  
24.911, 1.728, 0.1835  
26.6698, 2.112, 0.07542  
26.6733, 2.076, 0.07493  
26.7058, 2.175, 0.168  
28.5872, 2.865, 0.09833  
28.6002, 2.858, 0.1063  
28.6247, 3.144, 0.1872  
30.6402, 3.652, 0.1221  
30.6411, 3.66, 0.1238  
30.686, 3.651, 0.1222  
32.8439, 4.645, 0.1519  
32.8452, 4.596, 0.1528  
32.8936, 4.613, 0.1525  
35.2083, 5.78, 0.1874  
35.2104, 5.781, 0.2258  
35.2615, 5.774, 0.1879  
37.7389, 7.235, 0.2259  
37.7397, 7.239, 0.2365  
37.7972, 7.199, 0.2269  
40.4557, 8.733, 0.6836  
40.4578, 9.01, 0.2719  
40.5185, 9.056, 0.5048  
43.3626, 11.19, 0.3209  
43.3655, 11.15, 0.3211  
43.4269, 11.28, 0.3273  
46.4785, 13.84, 0.376  
46.4816, 13.94, 0.5284  
46.5468, 13.9, 0.3841  
49.8212, 16.86, 0.4999  
49.8229, 16.71, 0.6713  
49.8933, 16.88, 0.4531  
53.4047, 20.46, 0.5009  
53.4062, 20.52, 0.5146  
53.4827, 20.56, 0.518  
57.2496, 24.58, 0.6646  
57.2547, 24.18, 1.17  
57.3282, 24.88, 0.7899  
61.406, 29.66, 0.662  
61.4068, 29.71, 0.7213  
61.4935, 29.38, 0.676  
65.8273, 35.24, 0.73  
65.8298, 35.23, 0.7334  
65.9117, 35.49, 0.7476  
70.5631, 41.67, 0.8124  
70.5653, 41.69, 0.8103  
70.649, 42.1, 0.8148  
75.6294, 49.4, 0.894  
75.6338, 48.82, 0.8932  
75.7168, 49.54, 0.9127  
81.0319, 58.24, 0.9808  
81.0332, 58.23, 0.9941  
81.1212, 58.33, 1.001  
86.8473, 67.49, 1.072  
86.8493, 67.46, 1.096  
86.9417, 67.65, 1.107  
93.0815, 77.01, 1.172  
93.0828, 77.06, 1.179  
93.1856, 76.66, 1.192  
99.7939, 88.26, 1.288  
99.7944, 88.39, 1.389  
99.871, 87.77, 1.395  
106.973, 100.2, 1.804  
106.973, 99.61, 1.371

Grossular(Haselton)\_2.txt

107.057, 99.49, 1.412  
114.666, 112.8, 2.59  
114.668, 113.2, 1.459  
114.777, 115., 2.241  
122.909, 126.1, 1.835  
122.913, 126.4, 1.559  
123.022, 126.5, 1.583  
131.754, 139.8, 1.628  
131.756, 140., 1.636  
131.865, 140.5, 1.686  
141.25, 155.1, 1.703  
141.251, 155.2, 1.709  
141.345, 157., 1.738  
151.394, 171.4, 1.773  
151.395, 171.2, 1.77  
151.493, 171.8, 1.835  
162.283, 187.3, 1.846  
162.285, 186.9, 1.841  
162.371, 187.3, 1.905  
174.034, 204.3, 1.905  
174.037, 204.2, 1.886  
174.108, 204.2, 1.944  
186.522, 219.8, 1.965  
186.525, 219.4, 1.952  
186.585, 219.9, 1.995  
199.914, 237.6, 2.409  
199.917, 237.4, 2.841  
199.969, 237.5, 2.051  
214.256, 253.5, 2.085  
214.26, 253.6, 2.12  
214.276, 253.3, 2.094  
229.616, 269., 2.183  
229.632, 270.2, 3.065  
229.635, 267.6, 3.021  
246.061, 287.1, 2.328  
246.121, 287.3, 2.253  
246.124, 287.6, 2.181  
263.646, 301.6, 2.454  
263.754, 301.7, 2.281  
263.762, 301.8, 2.265  
282.485, 317.8, 2.403  
282.657, 317.6, 2.323  
282.669, 316.9, 2.437  
302.763, 333.2, 2.395  
302.89, 333.2, 2.372  
302.913, 333.7, 2.346

## Grossular(Haselton)\_3.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(Haselton)\_3.txt  
5.02052, 0.01026, 0.00203  
5.02535, 0.00678, 0.001396  
5.02833, 0.01072, 0.001285  
5.39726, 0.01195, 0.001367  
5.39913, 0.01145, 0.001597  
5.39921, 0.009942, 0.001755  
5.7748, 0.01667, 0.001848  
5.77943, 0.01676, 0.001596  
5.78274, 0.01543, 0.001526  
6.189, 0.02165, 0.002043  
6.19388, 0.02288, 0.001764  
6.19816, 0.02284, 0.001722  
6.6541, 0.0252, 0.001928  
6.65473, 0.02537, 0.002008  
6.65538, 0.02581, 0.002026  
7.1261, 0.03377, 0.002264  
7.12905, 0.03368, 0.002168  
7.13108, 0.03302, 0.002213  
7.6377, 0.03925, 0.002715  
7.64097, 0.03876, 0.002538  
7.64357, 0.03889, 0.002522  
8.18719, 0.05113, 0.003075  
8.18978, 0.053, 0.003001  
8.19286, 0.05306, 0.002982  
8.77536, 0.06649, 0.003538  
8.77704, 0.06661, 0.00337  
8.78059, 0.06616, 0.003309  
9.40519, 0.08098, 0.004199  
9.40805, 0.07945, 0.003914  
9.41065, 0.07981, 0.003951  
10.0807, 0.1059, 0.00484  
10.0832, 0.1078, 0.004749  
10.0868, 0.1061, 0.004712  
10.8065, 0.1294, 0.005552  
10.808, 0.1291, 0.005355  
10.8113, 0.1295, 0.005354  
11.5837, 0.1552, 0.006889  
11.5889, 0.1541, 0.006162  
11.5921, 0.1542, 0.00619  
12.4208, 0.1954, 0.007977  
12.4209, 0.1961, 0.007492  
12.4243, 0.1952, 0.007467  
13.3141, 0.2467, 0.009227  
13.3142, 0.2474, 0.008859  
13.3176, 0.246, 0.008901  
14.2688, 0.309, 0.01059  
14.2707, 0.3069, 0.01113  
14.2717, 0.3076, 0.01083  
15.2932, 0.3853, 0.01296  
15.2958, 0.385, 0.01329  
15.2963, 0.3827, 0.01324  
16.3908, 0.476, 0.01584  
16.3938, 0.4713, 0.01616  
16.3959, 0.4766, 0.01636  
17.5681, 0.5889, 0.01907  
17.5697, 0.5952, 0.02165  
17.5718, 0.587, 0.01927  
18.8319, 0.7401, 0.02396  
18.8334, 0.7405, 0.02466  
18.8361, 0.7494, 0.02664  
20.1786, 0.928, 0.03103  
20.1823, 0.9268, 0.02943  
20.1975, 0.9355, 0.03343  
21.6308, 1.156, 0.03727  
21.6345, 1.147, 0.03854  
21.6547, 1.168, 0.04666

## Grossular(Haselton)\_3.txt

23.1859, 1.464, 0.04579  
23.1918, 1.459, 0.04694  
23.211, 1.495, 0.05551  
24.8533, 1.852, 0.05798  
24.8603, 1.839, 0.06074  
24.8852, 1.892, 0.06765  
26.6473, 2.298, 0.07361  
26.6497, 2.376, 0.07541  
26.6759, 2.435, 0.08381  
28.5591, 2.89, 0.09171  
28.5619, 2.887, 0.09238  
28.5965, 2.981, 0.1207  
30.6166, 3.68, 0.115  
30.6191, 3.685, 0.1159  
30.6567, 3.723, 0.1362  
32.8182, 4.679, 0.1404  
32.8185, 4.674, 0.1403  
32.8645, 4.703, 0.1457  
35.1783, 5.909, 0.1737  
35.1809, 5.889, 0.1751  
35.2303, 5.92, 0.1812  
37.7132, 7.346, 0.2121  
37.7156, 7.33, 0.2122  
37.7686, 7.382, 0.2178  
40.4296, 9.226, 0.2559  
40.4314, 9.244, 0.2579  
40.4919, 9.315, 0.2714  
43.34, 11.4, 0.3063  
43.3414, 11.37, 0.3059  
43.4049, 11.48, 0.3168  
46.4567, 14.03, 0.3605  
46.4589, 14.02, 0.3621  
46.5272, 14.16, 0.378  
49.8051, 17.23, 0.4198  
49.8071, 17.27, 0.4225  
49.882, 17.43, 0.4418  
53.389, 20.99, 0.4866  
53.39, 21.01, 0.4876  
53.4691, 21.13, 0.5118  
57.2364, 25.42, 0.5526  
57.2377, 25.45, 0.5584  
57.3139, 25.55, 0.5805  
61.3571, 30.43, 0.635  
61.3585, 30.41, 0.6339  
61.4406, 30.56, 0.6515  
65.7666, 36.1, 0.7119  
65.7675, 36.11, 0.7153  
65.8523, 36.33, 0.7357  
70.5294, 42.26, 0.7989  
70.5318, 42.3, 0.7779  
70.6153, 42.92, 0.8182  
75.5937, 50.13, 0.8871  
75.595, 49.72, 0.8838  
75.685, 50.05, 0.896  
81.0274, 57.93, 0.9709  
81.0286, 58.15, 0.9692  
81.1181, 58.49, 0.9977  
86.8472, 66.89, 1.047  
86.8502, 66.76, 1.056  
86.9446, 66.87, 1.08  
93.0844, 76.55, 1.13  
93.0858, 76.62, 1.131  
93.1827, 76.73, 1.154  
99.7734, 87.67, 1.235  
99.7771, 87.73, 1.224  
99.8735, 87.63, 1.265  
106.946, 99.25, 1.308  
106.948, 99.54, 1.306



Grossular(Haselton)\_3.txt

107.046, 99.59, 1.336  
114.623, 112.6, 1.4  
114.632, 112.6, 1.404  
114.741, 111.9, 1.436  
122.892, 126.1, 1.47  
122.893, 126.2, 1.472  
123., 126.4, 1.506  
131.725, 140.1, 1.533  
131.726, 139.8, 1.542  
131.834, 140.2, 1.586  
141.197, 154.5, 1.622  
141.197, 154.7, 1.623  
141.305, 155., 1.667  
151.349, 169.7, 1.686  
151.35, 169.8, 1.67  
151.458, 170.3, 1.715  
162.244, 188.4, 1.748  
162.248, 187.9, 1.742  
162.346, 188., 1.8  
173.986, 204.8, 1.796  
173.988, 204.7, 1.803  
174.085, 205.1, 1.817  
186.49, 220.3, 1.858  
186.49, 220., 1.875  
186.581, 220.6, 1.924  
199.883, 238., 1.912  
199.885, 238.3, 1.92  
199.968, 238.4, 1.983  
214.226, 254.7, 1.975  
214.229, 254.3, 1.972  
214.307, 255.1, 2.034  
229.606, 270.6, 1.993  
229.608, 270.7, 2.003  
229.668, 271.3, 2.05  
246.105, 288.7, 2.051  
246.107, 288.9, 2.05  
246.123, 288.7, 2.116  
263.735, 304.6, 2.194  
263.752, 304.4, 2.111  
263.755, 304.8, 2.117  
282.557, 320.5, 2.215  
282.657, 320.7, 2.149  
282.661, 320.7, 2.176  
302.785, 335.7, 2.192  
302.913, 335.6, 2.149  
302.932, 335.9, 2.178

## Grossular(R92)\_1.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(R92)\_1.txt  
5.06892, 0.0156, 0.002083  
5.0739, 0.01378, 0.002068  
5.07518, 0.01554, 0.002088  
5.4323, 0.01435, 0.002548  
5.43535, 0.01831, 0.002351  
5.44301, 0.01362, 0.002937  
5.82524, 0.02317, 0.002456  
5.82923, 0.0224, 0.001912  
5.83428, 0.02253, 0.001819  
6.24202, 0.0237, 0.002307  
6.24564, 0.02508, 0.002301  
6.25009, 0.02426, 0.002209  
6.70468, 0.02776, 0.002544  
6.7069, 0.02734, 0.002491  
6.70808, 0.02916, 0.002563  
7.153, 0.03496, 0.003325  
7.15828, 0.03569, 0.003073  
7.16361, 0.03495, 0.003101  
7.66641, 0.04112, 0.003912  
7.67135, 0.04087, 0.003752  
7.67563, 0.04214, 0.003825  
8.21584, 0.05117, 0.004401  
8.22104, 0.05087, 0.004226  
8.22526, 0.051, 0.004229  
8.8051, 0.06467, 0.005312  
8.8095, 0.0649, 0.005343  
8.81472, 0.06452, 0.005327  
9.43602, 0.07313, 0.007816  
9.44191, 0.07289, 0.007555  
9.44662, 0.07292, 0.007586  
10.1131, 0.09927, 0.006909  
10.1184, 0.09633, 0.006841  
10.1242, 0.09711, 0.006748  
10.8428, 0.1208, 0.0323  
10.8485, 0.1213, 0.006545  
10.8536, 0.1196, 0.006501  
11.6176, 0.1454, 0.00867  
11.6228, 0.1434, 0.0079  
11.6287, 0.1436, 0.007812  
12.4488, 0.1738, 0.01121  
12.4538, 0.1747, 0.01005  
12.4607, 0.1727, 0.01016  
13.3403, 0.2183, 0.0134  
13.3452, 0.2195, 0.01177  
13.3512, 0.2212, 0.01173  
14.2986, 0.2689, 0.01599  
14.3011, 0.2664, 0.01451  
14.3081, 0.2659, 0.01423  
15.3228, 0.3336, 0.0199  
15.3267, 0.3316, 0.0178  
15.3342, 0.3309, 0.01764  
16.4272, 0.4166, 0.02221  
16.4298, 0.4072, 0.02079  
16.4353, 0.4133, 0.02012  
17.6135, 0.5173, 0.02841  
17.6139, 0.5044, 0.03658  
17.6154, 0.5082, 0.02516  
18.875, 0.6304, 0.04005  
18.8767, 0.6365, 0.03982  
18.879, 0.6377, 0.04094  
20.2217, 0.8036, 0.2735  
20.2278, 0.8093, 0.04072  
20.248, 0.8146, 0.04093  
21.6724, 1.009, 0.0438  
21.6813, 1.013, 0.0452  
21.699, 1.02, 0.05051

Grossular(R92)\_1.txt

23.2252, 1.257, 0.05816  
23.2334, 1.267, 0.05819  
23.2564, 1.295, 0.06312  
24.8917, 1.737, 0.3297  
24.9093, 1.622, 0.0685  
24.9264, 1.667, 0.07732  
26.6856, 1.97, 0.09317  
26.6932, 1.984, 0.1007  
26.7204, 1.872, 0.1403  
28.6008, 2.586, 0.1025  
28.603, 2.591, 0.1039  
28.6452, 2.332, 0.1502  
30.6552, 3.327, 0.1292  
30.6568, 3.345, 0.127  
30.7005, 3.42, 0.1334  
32.8603, 4.26, 0.1587  
32.8629, 4.25, 0.1603  
32.9082, 4.331, 0.4027  
35.2233, 5.351, 0.1971  
35.2245, 5.396, 0.1963  
35.2762, 5.475, 0.2034  
37.7536, 6.776, 0.2391  
37.7543, 6.764, 0.2453  
37.8107, 6.809, 0.3659  
40.4697, 8.535, 0.304  
40.4698, 8.529, 0.3022  
40.5286, 8.55, 0.3339  
43.3755, 10.5, 0.4087  
43.379, 10.76, 0.44  
43.4399, 10.77, 0.4544  
46.4939, 12.93, 0.7972  
46.4951, 13.1, 0.4967  
46.5595, 13.26, 0.4861  
49.8351, 16.15, 0.6379  
49.8375, 16.08, 0.6668  
49.9063, 16.37, 0.7602  
53.4197, 19.71, 0.5277  
53.4218, 19.72, 0.5311  
53.4962, 19.8, 0.7101  
57.2675, 23.9, 0.6124  
57.2686, 23.94, 0.6204  
57.3385, 24.12, 0.6396  
61.392, 28.8, 0.6989  
61.3926, 28.88, 0.7065  
61.4819, 28.8, 0.7404  
65.8135, 34.36, 0.7821  
65.8158, 34.38, 0.7816  
65.904, 34.65, 0.811  
70.5536, 40.82, 0.8736  
70.5576, 41.12, 0.8812  
70.642, 41.32, 0.9019  
75.623, 48.53, 0.9687  
75.6278, 48.72, 0.9673  
75.7185, 49.2, 0.9913  
81.0592, 57.49, 1.079  
81.0612, 57.36, 1.069  
81.1568, 58.09, 1.093  
86.8708, 67.22, 1.155  
86.8748, 66.98, 1.167  
86.9742, 67.36, 1.191  
93.1204, 77.36, 1.471  
93.122, 77.45, 1.24  
93.2226, 77.71, 1.353  
99.8154, 88.19, 1.356  
99.8173, 88.85, 1.87  
99.9214, 88.12, 1.591  
106.99, 100.2, 1.466  
106.99, 100.6, 1.42

Grossular(R92)\_1.txt

107.095, 100.7, 1.531  
114.68, 112.8, 2.008  
114.68, 113.4, 1.542  
114.788, 113.5, 2.613  
122.92, 125.9, 1.649  
122.924, 126.6, 2.044  
123.03, 126.6, 1.66  
131.761, 140.2, 1.71  
131.763, 140.3, 1.716  
131.872, 140.4, 1.768  
141.252, 156.2, 1.78  
141.254, 156., 1.781  
141.354, 157.3, 1.805  
151.41, 171.8, 1.829  
151.414, 172., 1.83  
151.503, 172.2, 1.874  
162.304, 187.5, 2.028  
162.304, 187.6, 2.008  
162.386, 188.1, 1.96  
174.036, 204.1, 1.956  
174.037, 203.8, 1.955  
174.115, 204., 2.034  
186.537, 219.2, 2.03  
186.539, 220.1, 2.413  
186.601, 219.9, 2.622  
199.921, 236.6, 2.116  
199.921, 236.3, 2.103  
199.968, 237., 2.181  
214.258, 253., 2.355  
214.261, 253., 2.221  
214.276, 253., 2.187  
229.605, 263.9, 8.062  
229.629, 269.5, 4.844  
229.637, 268.8, 3.32  
246.055, 287., 2.306  
246.118, 286.6, 2.298  
246.118, 286.5, 2.266  
263.647, 305., 4.384  
263.744, 301.1, 4.068  
263.749, 301.5, 2.351  
282.462, 317.2, 3.892  
282.634, 319.8, 4.203  
282.649, 315.5, 4.149  
302.854, 333.9, 2.709  
302.878, 334.9, 2.887  
302.888, 332.9, 2.89

## Grossular(R92)\_2.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(R92)\_2.txt  
5.02835, 0.01271, 0.00136  
5.03309, 0.01237, 0.001563  
5.03405, 0.01178, 0.001255  
5.38716, 0.01311, 0.001376  
5.39157, 0.01197, 0.001382  
5.39597, 0.0112, 0.00162  
5.77887, 0.017, 0.001781  
5.78301, 0.01732, 0.001543  
5.78683, 0.01742, 0.001506  
6.1929, 0.01968, 0.001922  
6.19723, 0.0215, 0.001735  
6.20154, 0.02192, 0.001723  
6.657, 0.02498, 0.001957  
6.65897, 0.02458, 0.002058  
6.65902, 0.02373, 0.001946  
7.12696, 0.03278, 0.002446  
7.13046, 0.03225, 0.002269  
7.13349, 0.03205, 0.002334  
7.63992, 0.03543, 0.002862  
7.64298, 0.03512, 0.002684  
7.64616, 0.03537, 0.002677  
8.18924, 0.0478, 0.003369  
8.19248, 0.0469, 0.003173  
8.1949, 0.04743, 0.003133  
8.77778, 0.06018, 0.003991  
8.78044, 0.06029, 0.003686  
8.78396, 0.05999, 0.003605  
9.4081, 0.06989, 0.004514  
9.41138, 0.07078, 0.004275  
9.41493, 0.07046, 0.005495  
10.0843, 0.09433, 0.005365  
10.0869, 0.09336, 0.004975  
10.091, 0.09417, 0.004908  
10.8099, 0.1152, 0.006272  
10.8122, 0.1152, 0.005918  
10.8153, 0.1147, 0.005921  
11.5878, 0.1343, 0.007531  
11.5937, 0.1338, 0.006813  
11.597, 0.1337, 0.006841  
12.4252, 0.1702, 0.008915  
12.4261, 0.1688, 0.008065  
12.4301, 0.1689, 0.008237  
13.3177, 0.2163, 0.01039  
13.3181, 0.2139, 0.009597  
13.3224, 0.2153, 0.009835  
14.2732, 0.2673, 0.01168  
14.2736, 0.2704, 0.01284  
14.2778, 0.2668, 0.01168  
15.299, 0.3353, 0.01438  
15.3008, 0.3382, 0.01577  
15.3023, 0.3346, 0.01436  
16.3992, 0.4161, 0.01775  
16.4025, 0.4152, 0.01812  
16.4028, 0.4178, 0.01924  
17.5752, 0.5206, 0.02196  
17.5781, 0.5222, 0.02225  
17.5792, 0.5221, 0.02487  
18.8399, 0.6584, 0.02683  
18.8423, 0.6606, 0.02738  
18.844, 0.6623, 0.0312  
20.1892, 0.8326, 0.03462  
20.191, 0.8272, 0.03339  
20.2065, 0.8359, 0.03953  
21.6423, 1.03, 0.04223  
21.6509, 1.037, 0.04615  
21.665, 1.046, 0.0524

Grossular(R92)\_2.txt

23.1982, 1.32, 0.05291  
23.2032, 1.331, 0.05429  
23.2249, 1.345, 0.06042  
24.8668, 1.68, 0.06699  
24.8773, 1.671, 0.07127  
24.8891, 1.715, 0.08147  
26.6572, 2.092, 0.08853  
26.6674, 2.053, 0.08681  
26.6883, 2.194, 0.104  
28.5736, 2.631, 0.1062  
28.5778, 2.629, 0.1072  
28.6067, 2.94, 0.1387  
30.6293, 3.414, 0.1326  
30.6334, 3.403, 0.135  
30.6699, 3.446, 0.1687  
32.8314, 4.366, 0.1635  
32.8345, 4.364, 0.1647  
32.8796, 4.438, 0.1753  
35.1946, 5.512, 0.2026  
35.1967, 5.522, 0.2042  
35.2453, 5.597, 0.2118  
37.7319, 6.948, 0.2507  
37.7336, 6.917, 0.25  
37.7868, 7.041, 0.261  
40.4505, 8.708, 0.3001  
40.4513, 8.745, 0.3028  
40.5114, 8.877, 0.3218  
43.3607, 10.83, 0.3588  
43.363, 10.83, 0.3582  
43.4258, 10.95, 0.3734  
46.481, 13.34, 0.4255  
46.4823, 13.4, 0.4231  
46.5512, 13.54, 0.4466  
49.8267, 16.46, 0.4943  
49.8287, 16.51, 0.497  
49.9002, 16.82, 0.5243  
53.4136, 20.2, 0.5728  
53.4142, 20.2, 0.5785  
53.4931, 20.48, 0.6042  
57.2611, 24.54, 0.6535  
57.2622, 24.55, 0.6593  
57.3469, 24.86, 0.6985  
61.3824, 29.47, 0.7518  
61.3849, 29.46, 0.7541  
61.4691, 29.59, 0.7714  
65.7919, 35.1, 0.8344  
65.7951, 35.03, 0.8395  
65.8821, 35.29, 0.8744  
70.5339, 41.22, 0.946  
70.5346, 41.45, 0.9361  
70.6239, 42.1, 0.9692  
75.5988, 48.6, 1.033  
75.6023, 48.86, 1.032  
75.689, 49.15, 1.078  
81.027, 56.91, 1.151  
81.0283, 57.13, 1.166  
81.1416, 57.42, 1.179  
86.8722, 65.83, 1.25  
86.8728, 65.58, 1.245  
86.9626, 66.08, 1.27  
93.1077, 75.66, 1.34  
93.1098, 75.83, 1.338  
93.2065, 75.86, 1.363  
99.8002, 86.59, 1.445  
99.8005, 86.91, 1.441  
99.9021, 87.25, 1.472  
106.974, 98.98, 1.548  
106.978, 99.21, 1.545

Grossular(R92)\_2.txt

107.077, 99.48, 1.581  
114.668, 112.5, 1.638  
114.668, 112.6, 1.642  
114.769, 112.9, 1.666  
122.904, 125.8, 1.719  
122.905, 125.4, 1.719  
123.009, 126.1, 1.753  
131.747, 139.5, 1.792  
131.749, 140., 1.788  
131.852, 139.6, 1.853  
141.226, 154.7, 1.899  
141.226, 154.6, 1.902  
141.328, 154.8, 1.941  
151.367, 170.1, 1.985  
151.368, 170.1, 1.967  
151.467, 169.9, 2.001  
162.275, 190.4, 2.04  
162.279, 189.4, 2.05  
162.377, 189.9, 2.103  
174.012, 203.2, 2.113  
174.014, 203.3, 2.11  
174.103, 203.4, 2.16  
186.522, 218.5, 2.193  
186.525, 218.7, 2.171  
186.611, 218.6, 2.213  
199.916, 236.3, 2.245  
199.916, 236.8, 2.242  
199.996, 237.2, 2.295  
214.261, 252.8, 2.313  
214.262, 252.9, 2.306  
214.332, 253.7, 2.361  
229.639, 269.1, 2.34  
229.64, 269., 2.345  
229.687, 269.5, 2.397  
246.137, 288., 2.417  
246.143, 287.4, 2.412  
246.145, 288.1, 2.476  
263.742, 302.9, 2.543  
263.787, 302.7, 2.481  
263.788, 302.6, 2.475  
282.598, 318.6, 2.584  
282.696, 319., 2.498  
282.696, 319., 2.543  
302.926, 333.7, 2.567  
302.954, 334.5, 2.555  
302.975, 334.3, 2.547

## Grossular(R92)\_3.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

```
Grossular(R92)_3.txt
5.07477, 0.009069, 0.002112
5.07761, 0.01146, 0.002955
5.08208, 0.01665, 0.0104
5.43798, 0.01499, 0.004042
5.44309, 0.0139, 0.004175
5.46381, 0.01585, 0.003841
5.83233, 0.01807, 0.003415
5.8373, 0.01572, 0.004976
5.83981, 0.01711, 0.003819
6.24822, 0.02094, 0.02304
6.25431, 0.02069, 0.002952
6.25727, 0.01946, 0.00356
6.71259, 0.02435, 0.004529
6.71359, 0.02525, 0.00354
6.71626, 0.02859, 0.009659
7.15777, 0.03002, 0.003557
7.16252, 0.02977, 0.003264
7.16689, 0.02899, 0.003137
7.67153, 0.03511, 0.004201
7.67632, 0.0333, 0.003944
7.68083, 0.03379, 0.004029
8.2213, 0.044, 0.005142
8.22664, 0.04531, 0.004876
8.2322, 0.04742, 0.004712
8.80997, 0.05828, 0.005674
8.81637, 0.05737, 0.005496
8.82162, 0.05873, 0.006015
9.44118, 0.06802, 0.006963
9.44736, 0.06595, 0.006682
9.45282, 0.06761, 0.006574
10.118, 0.09347, 0.008263
10.1248, 0.09152, 0.007798
10.1304, 0.09133, 0.007753
10.8484, 0.113, 0.008025
10.8537, 0.1125, 0.007012
10.86, 0.1114, 0.006712
11.6236, 0.1357, 0.008828
11.6287, 0.1381, 0.008229
11.6348, 0.1364, 0.007978
12.455, 0.1679, 0.01104
12.4605, 0.1674, 0.009875
12.4666, 0.1615, 0.009479
13.3477, 0.2135, 0.01239
13.3518, 0.2094, 0.01122
13.3585, 0.2117, 0.01114
14.3051, 0.2634, 0.01699
14.3085, 0.2564, 0.0136
14.3132, 0.2599, 0.01375
15.3305, 0.3266, 0.0188
15.3337, 0.3192, 0.03568
15.3387, 0.3248, 0.0175
16.4312, 0.4066, 0.02354
16.4316, 0.3987, 0.02079
16.4373, 0.3952, 0.02015
17.615, 0.5162, 0.02427
17.6153, 0.5164, 0.02824
17.6177, 0.5034, 0.02664
18.8784, 0.6529, 0.03151
18.8811, 0.6619, 0.03362
18.8813, 0.6548, 0.03325
20.2257, 0.799, 0.03796
20.2261, 0.7973, 0.03896
20.2483, 0.7929, 0.0384
21.673, 1.007, 0.04733
21.6777, 1.002, 0.04938
21.6997, 1.009, 0.05249
```



Grossular(R92)\_3.txt

23.2256, 1.261, 0.06048  
23.2313, 1.262, 0.06212  
23.2556, 1.307, 0.06993  
24.8959, 1.601, 0.09461  
24.8967, 1.603, 0.07305  
24.9272, 1.668, 0.07732  
26.683, 2.042, 0.08384  
26.6946, 2.055, 0.08491  
26.7127, 2.398, 0.1095  
28.5979, 2.593, 0.1038  
28.6024, 2.594, 0.2565  
28.635, 2.675, 0.2119  
30.6506, 3.36, 0.1552  
30.6522, 3.351, 0.153  
30.6957, 3.376, 0.1357  
32.8551, 4.271, 0.1613  
32.8569, 4.26, 0.1627  
32.9042, 4.296, 0.1659  
35.2177, 5.385, 0.1981  
35.2177, 5.387, 0.2131  
35.2707, 5.354, 0.2689  
37.7478, 6.899, 0.888  
37.7556, 6.799, 0.2414  
37.8009, 7.152, 0.8015  
40.4629, 8.58, 0.2886  
40.4646, 8.552, 0.2904  
40.5224, 8.641, 0.3035  
43.3727, 10.73, 0.963  
43.3728, 10.77, 0.7331  
43.4331, 10.31, 1.248  
46.4881, 13.24, 0.4856  
46.4901, 13.26, 0.4044  
46.5544, 13.41, 0.4178  
49.8311, 16.59, 0.8924  
49.8348, 16.18, 0.4688  
49.9028, 16.84, 1.177  
53.4121, 19.77, 0.5468  
53.4131, 19.84, 1.32  
53.4861, 19.78, 0.7594  
57.2597, 23.83, 0.6322  
57.2606, 23.93, 0.621  
57.3289, 24.09, 0.6434  
61.3807, 28.42, 0.8101  
61.3848, 28.65, 1.361  
61.4701, 28.49, 0.773  
65.8045, 34.25, 0.7939  
65.8072, 34.25, 0.8009  
65.8905, 34.54, 0.8188  
70.5379, 40.66, 0.8942  
70.5402, 41.04, 0.8991  
70.626, 41.01, 0.9171  
75.6082, 48.44, 1.002  
75.6093, 47.82, 0.9874  
75.7005, 48.2, 1.03  
81.0364, 57.15, 1.102  
81.0389, 57.02, 1.373  
81.1309, 57.49, 1.125  
86.8435, 67.16, 2.514  
86.8547, 66.68, 1.19  
86.9366, 66.64, 1.232  
93.0913, 76.39, 1.314  
93.0915, 76.06, 1.276  
93.1868, 76.72, 1.325  
99.7972, 86.95, 1.374  
99.8022, 87.51, 1.486  
99.8877, 86.83, 1.787  
106.976, 99.09, 1.837  
106.981, 99.03, 6.387

Grossular(R92)\_3.txt

107.086, 99.56, 1.523  
114.671, 112., 1.887  
114.672, 112., 2.557  
114.789, 113., 2.089  
122.907, 125.2, 3.039  
122.916, 125., 2.292  
123.025, 125.3, 4.427  
131.757, 139.3, 5.375  
131.757, 138.3, 1.878  
131.867, 138.9, 1.877  
141.243, 154.2, 1.9  
141.246, 154.4, 1.954  
141.348, 157.2, 2.892  
151.391, 169.9, 2.143  
151.394, 170.4, 2.042  
151.488, 170.1, 2.019  
162.272, 183.9, 2.255  
162.276, 184.6, 1.989  
162.366, 185.2, 2.265  
173.954, 200.5, 2.178  
173.959, 200.8, 2.063  
174.033, 200.7, 2.113  
186.531, 220.7, 2.529  
186.534, 219.4, 2.069  
186.599, 220.1, 2.817  
199.915, 236.8, 2.25  
199.917, 237.6, 4.276  
199.97, 237.2, 2.239  
214.251, 253.1, 2.232  
214.26, 253.1, 4.747  
214.274, 252., 3.608  
229.608, 268.4, 2.514  
229.627, 269., 2.252  
229.627, 271.2, 3.91  
246.06, 285.8, 3.395  
246.116, 287.3, 2.348  
246.119, 287.5, 2.428  
263.646, 301.4, 2.588  
263.747, 301.7, 2.414  
263.752, 300.1, 4.592  
282.497, 317.9, 2.673  
282.649, 318., 2.491  
282.652, 317.6, 2.489  
302.811, 333.4, 2.52  
302.889, 333.7, 2.528  
302.901, 333.6, 2.534

## Grossular(Kiel)\_1.txt

Dachs et al. (2011): PPMS data Salzburg (T(K), Cp(J/mol.K), sigma(Cp)):

Grossular(Kiel)\_1.txt  
5.03126, 0.01382, 0.001114  
5.03425, 0.01449, 0.00114  
5.03719, 0.01468, 0.001445  
5.38586, 0.0149, 0.001708  
5.39015, 0.01542, 0.001167  
5.39366, 0.01272, 0.001184  
5.77832, 0.0204, 0.001278  
5.78207, 0.02028, 0.001307  
5.78631, 0.01885, 0.00125  
6.19011, 0.0243, 0.001757  
6.19467, 0.02477, 0.001432  
6.19882, 0.02471, 0.001443  
6.6558, 0.02857, 0.001692  
6.65657, 0.02854, 0.001667  
6.65859, 0.0279, 0.001672  
7.12682, 0.03711, 0.002004  
7.1296, 0.03735, 0.001903  
7.1331, 0.0373, 0.001868  
7.63946, 0.0418, 0.002363  
7.6426, 0.04186, 0.002248  
7.64566, 0.04198, 0.002228  
8.18855, 0.0551, 0.002812  
8.19151, 0.05513, 0.002609  
8.19505, 0.05555, 0.00256  
8.77633, 0.07041, 0.003279  
8.77934, 0.07006, 0.003078  
8.78242, 0.07005, 0.003088  
9.40712, 0.08319, 0.003793  
9.40999, 0.08323, 0.00357  
9.41312, 0.08298, 0.003505  
10.0828, 0.1097, 0.004412  
10.085, 0.1089, 0.004134  
10.0886, 0.1094, 0.004114  
10.8088, 0.1352, 0.005352  
10.811, 0.1346, 0.00489  
10.814, 0.1351, 0.004927  
11.5863, 0.1616, 0.006334  
11.5921, 0.1604, 0.005725  
11.596, 0.1609, 0.005691  
12.4241, 0.2027, 0.007418  
12.4246, 0.202, 0.006787  
12.4277, 0.2033, 0.006858  
13.3168, 0.2564, 0.008108  
13.3169, 0.2589, 0.00872  
13.3197, 0.2572, 0.008192  
14.2725, 0.3166, 0.00987  
14.2737, 0.3182, 0.01088  
14.275, 0.3187, 0.00986  
15.2976, 0.3955, 0.01196  
15.2997, 0.3947, 0.01203  
15.3003, 0.3955, 0.01299  
16.3945, 0.4879, 0.01479  
16.3981, 0.4861, 0.01521  
16.3981, 0.4891, 0.01623  
17.5724, 0.603, 0.01795  
17.5732, 0.6068, 0.02093  
17.575, 0.6071, 0.0184  
18.8339, 0.7561, 0.02242  
18.8378, 0.7587, 0.0238  
18.8397, 0.761, 0.02678  
20.1837, 0.943, 0.02829  
20.1838, 0.9438, 0.02866  
20.2017, 0.9479, 0.03161  
21.6336, 1.165, 0.03488  
21.6417, 1.168, 0.03583  
21.6584, 1.171, 0.04331

Grossular(Kiel)\_1.txt

23.1926, 1.469, 0.04425  
23.2018, 1.474, 0.0472  
23.2178, 1.479, 0.05291  
24.8575, 1.847, 0.05497  
24.865, 1.849, 0.05823  
24.8876, 1.863, 0.0679  
26.65, 2.262, 0.06921  
26.6538, 2.258, 0.0713  
26.6769, 2.386, 0.08658  
28.5637, 2.818, 0.08816  
28.5642, 2.813, 0.08809  
28.6007, 2.905, 0.09324  
30.6192, 3.596, 0.1121  
30.6222, 3.594, 0.1115  
30.6605, 3.626, 0.121  
32.8235, 4.546, 0.1382  
32.8256, 4.543, 0.1377  
32.8703, 4.607, 0.1466  
35.1859, 5.701, 0.1695  
35.1881, 5.687, 0.1698  
35.236, 5.761, 0.1783  
37.7193, 7.092, 0.2068  
37.722, 7.08, 0.2082  
37.7746, 7.155, 0.218  
40.4357, 8.876, 0.2494  
40.4375, 8.871, 0.2502  
40.495, 8.986, 0.2652  
43.3466, 10.93, 0.2963  
43.3477, 10.97, 0.2983  
43.4111, 11.08, 0.313  
46.4676, 13.5, 0.3529  
46.4696, 13.48, 0.354  
46.5385, 13.66, 0.3734  
49.8116, 16.59, 0.411  
49.814, 16.58, 0.4112  
49.887, 16.81, 0.4388  
53.3974, 20.19, 0.4763  
53.4001, 20.21, 0.4765  
53.4781, 20.47, 0.5071  
57.2452, 24.5, 0.5448  
57.2465, 24.54, 0.5489  
57.3222, 24.74, 0.5765  
61.3665, 29.43, 0.6184  
61.3697, 29.38, 0.6239  
61.455, 29.62, 0.6455  
65.7784, 35., 0.6981  
65.7802, 34.99, 0.6969  
65.8715, 35.19, 0.7279  
70.5185, 41.1, 0.7767  
70.5233, 40.99, 0.7741  
70.6061, 41.87, 0.8047  
75.6031, 48.72, 0.8595  
75.6063, 48.69, 0.8571  
75.6982, 49.01, 0.8757  
81.0333, 56.86, 0.9391  
81.0381, 56.73, 0.9361  
81.1328, 57.07, 0.9756  
86.8632, 65.8, 1.026  
86.8638, 65.61, 1.029  
86.962, 65.9, 1.049  
93.0966, 75.66, 1.107  
93.0975, 75.46, 1.104  
93.2016, 75.87, 1.133  
99.7887, 86.67, 1.198  
99.7918, 86.43, 1.198  
99.9017, 86.61, 1.216  
106.961, 98.81, 1.281  
106.962, 98.73, 1.267

Grossular(Kiel)\_1.txt

107.069, 98.99, 1.308  
114.65, 111.8, 1.359  
114.657, 111.8, 1.343  
114.765, 112.4, 1.381  
122.899, 125.1, 1.416  
122.904, 125.8, 1.421  
123.016, 125.3, 1.437  
131.74, 139.2, 1.481  
131.742, 139., 1.486  
131.853, 139.7, 1.526  
141.22, 154.2, 1.559  
141.22, 154.3, 1.567  
141.33, 154.6, 1.611  
151.385, 170.4, 1.621  
151.387, 170.3, 1.61  
151.499, 170.4, 1.664  
162.298, 188.7, 1.682  
162.302, 188.2, 1.675  
162.408, 188.7, 1.725  
173.984, 202.7, 1.759  
173.989, 202.5, 1.744  
174.09, 202.9, 1.793  
186.497, 217.2, 1.797  
186.499, 217.7, 1.792  
186.598, 217.8, 1.861  
199.893, 236., 1.866  
199.896, 236., 1.848  
199.985, 236., 1.917  
214.238, 252.3, 1.915  
214.24, 252.3, 1.899  
214.319, 252.9, 1.936  
229.618, 267.8, 1.937  
229.619, 268.2, 1.942  
229.679, 267.9, 2.01  
246.119, 286., 1.985  
246.122, 286.2, 1.99  
246.136, 286.6, 2.085  
263.736, 301.5, 2.101  
263.766, 301.5, 2.047  
263.768, 301.5, 2.054  
282.584, 317.7, 2.144  
282.681, 317.4, 2.101  
282.681, 318.1, 2.107  
302.966, 332.9, 2.17  
302.975, 332.6, 2.156  
303., 332.5, 2.169

## Grossular(Kiel)\_2.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(Kiel)\_2.txt  
5.05848, 0.01779, 0.001993  
5.06258, 0.01963, 0.001925  
5.06549, 0.01939, 0.00195  
5.42636, 0.01714, 0.005853  
5.42995, 0.01945, 0.004751  
5.44484, 0.0205, 0.0024  
5.81834, 0.02744, 0.001785  
5.82288, 0.02617, 0.001812  
5.826, 0.02798, 0.002482  
6.23377, 0.03269, 0.002511  
6.23972, 0.03299, 0.002069  
6.24242, 0.03076, 0.002244  
6.69785, 0.0395, 0.002397  
6.70009, 0.03881, 0.002399  
6.70087, 0.03723, 0.002358  
7.15118, 0.04667, 0.003344  
7.15586, 0.04744, 0.003103  
7.15879, 0.04791, 0.003211  
7.66336, 0.05532, 0.00405  
7.66776, 0.05357, 0.003969  
7.67159, 0.05584, 0.003961  
8.21236, 0.06993, 0.004801  
8.21792, 0.07157, 0.004592  
8.22146, 0.06945, 0.004709  
8.8016, 0.08985, 0.005161  
8.80565, 0.08727, 0.005677  
8.81039, 0.08685, 0.005744  
9.43287, 0.1016, 0.006147  
9.43823, 0.1018, 0.006296  
9.44336, 0.1036, 0.00631  
10.1092, 0.1332, 0.007499  
10.1143, 0.1335, 0.007953  
10.1192, 0.1361, 0.007585  
10.8391, 0.1621, 0.006629  
10.8435, 0.1608, 0.005973  
10.8486, 0.1612, 0.006035  
11.6146, 0.1969, 0.008336  
11.6189, 0.1962, 0.007945  
11.6235, 0.1968, 0.007264  
12.4453, 0.239, 0.00939  
12.4488, 0.234, 0.009966  
12.4555, 0.2369, 0.009343  
13.3435, 0.2978, 0.01145  
13.3444, 0.2929, 0.01124  
13.3493, 0.2929, 0.01142  
14.295, 0.3607, 0.01529  
14.2978, 0.3604, 0.01396  
14.3019, 0.3618, 0.01489  
15.3199, 0.445, 0.01822  
15.3216, 0.4373, 0.0167  
15.329, 0.443, 0.01619  
16.4194, 0.5388, 0.02157  
16.4217, 0.531, 0.01931  
16.4267, 0.5352, 0.02174  
17.6005, 0.6511, 0.0275  
17.6019, 0.6542, 0.0288  
17.6071, 0.6484, 0.02483  
18.8638, 0.8041, 0.0296  
18.8656, 0.8188, 0.03177  
18.8684, 0.8012, 0.0395  
20.2126, 0.9915, 0.03574  
20.2153, 1., 0.03517  
20.234, 0.9931, 0.03844  
21.664, 1.226, 0.06426  
21.6651, 1.217, 0.04352  
21.6897, 1.239, 0.04548

Grossular(Kiel)\_2.txt

23.2168, 1.512, 0.0518  
23.2246, 1.526, 0.05408  
23.2417, 1.527, 0.05982  
24.8848, 1.942, 0.254  
24.8882, 1.806, 0.3644  
24.9138, 1.9, 0.2951  
26.6771, 2.321, 0.07426  
26.6837, 2.304, 0.07626  
26.7033, 2.394, 0.08332  
28.5925, 2.901, 0.1176  
28.5948, 2.901, 0.09523  
28.6287, 2.983, 0.1012  
30.647, 3.697, 0.1197  
30.6472, 3.693, 0.1194  
30.6892, 3.757, 0.1243  
32.85, 4.613, 0.1486  
32.8516, 4.61, 0.1466  
32.8969, 4.722, 0.1843  
35.2123, 5.725, 0.1792  
35.2126, 5.775, 0.1806  
35.2608, 5.881, 0.1864  
37.746, 7.232, 0.3456  
37.7469, 7.204, 0.2253  
37.8012, 7.296, 0.2322  
40.4591, 8.957, 0.2783  
40.4606, 8.989, 0.2734  
40.5181, 9.131, 0.276  
43.3667, 11.05, 0.3111  
43.3687, 11.07, 0.311  
43.4305, 11.26, 0.4193  
46.4847, 13.68, 0.374  
46.4871, 13.66, 0.3668  
46.5516, 13.85, 0.3882  
49.8286, 16.61, 0.4253  
49.8296, 16.66, 0.4252  
49.8989, 16.86, 0.4483  
53.4088, 20.29, 0.4917  
53.4107, 20.26, 0.4892  
53.4837, 20.51, 0.532  
57.2557, 24.48, 0.5663  
57.2592, 24.39, 0.5643  
57.3279, 24.59, 0.767  
61.3779, 29.57, 0.8161  
61.3824, 30.47, 2.268  
61.4664, 29.31, 0.7039  
65.8042, 35.13, 1.232  
65.8052, 35.12, 0.7679  
65.8914, 35.26, 0.804  
70.5362, 41.42, 0.8629  
70.5383, 41.32, 1.016  
70.626, 41.45, 0.9547  
75.6053, 48.99, 1.023  
75.6055, 48.91, 1.074  
75.6949, 49.18, 1.032  
81.0375, 57.84, 1.009  
81.0375, 58.78, 1.604  
81.1337, 58.17, 1.029  
86.8508, 67.06, 1.066  
86.8513, 67.46, 1.082  
86.9492, 68.03, 1.103  
93.0844, 77.52, 1.156  
93.0891, 77.57, 1.168  
93.1938, 77.79, 1.531  
99.7965, 88.56, 1.239  
99.7978, 88.42, 1.235  
99.9076, 88.89, 1.255  
106.978, 99.71, 1.318  
106.98, 100.2, 1.328

Grossular(Kiel)\_2.txt

107.088, 100.6, 1.982  
114.668, 112.8, 1.461  
114.673, 113., 1.666  
114.782, 113.4, 1.634  
122.914, 125.2, 2.049  
122.916, 126.1, 1.595  
123.026, 126.5, 1.641  
131.754, 139.9, 2.229  
131.754, 140.7, 2.267  
131.869, 140., 1.615  
141.233, 154.5, 1.771  
141.238, 155., 1.658  
141.341, 156.5, 1.68  
151.397, 171.2, 1.692  
151.398, 171.1, 1.707  
151.497, 171.7, 1.726  
162.308, 187.5, 2.273  
162.31, 188.4, 2.5  
162.4, 187.6, 2.325  
174.033, 204.1, 2.337  
174.038, 204.4, 2.805  
174.123, 204.8, 2.269  
186.527, 219.7, 2.089  
186.528, 219., 2.614  
186.603, 220.6, 2.893  
199.916, 236.6, 2.075  
199.916, 236.4, 2.502  
199.968, 237.2, 2.216  
214.252, 252.3, 3.003  
214.253, 253., 2.137  
214.276, 253.3, 3.346  
229.599, 269.1, 2.323  
229.617, 269.2, 2.457  
229.622, 267.8, 3.183  
246.048, 287.1, 2.382  
246.105, 287.3, 2.392  
246.115, 287.5, 4.025  
263.637, 302.6, 3.282  
263.739, 301.5, 2.377  
263.744, 302.5, 2.846  
282.47, 315.7, 3.902  
282.641, 317.1, 2.568  
282.648, 316.7, 3.218  
302.831, 332.6, 2.547  
302.878, 335.7, 7.353  
302.91, 333.4, 2.672



## Grossular(Kiel)\_3.txt

Dachs et al. (2011): PPMS data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(Kiel)\_3.txt

5.02634, 0.0168, 0.00121  
5.03172, 0.0157, 0.001202  
5.03449, 0.01695, 0.001931  
5.3849, 0.01918, 0.001298  
5.38811, 0.01816, 0.001719  
5.39138, 0.01821, 0.001326  
5.77638, 0.02345, 0.001865  
5.78059, 0.0214, 0.001439  
5.78337, 0.02408, 0.001428  
6.18937, 0.02954, 0.001987  
6.19437, 0.03105, 0.00163  
6.19838, 0.03058, 0.001651  
6.65367, 0.03458, 0.001809  
6.65451, 0.03575, 0.001865  
6.65659, 0.03486, 0.001865  
7.12479, 0.04555, 0.002255  
7.1283, 0.04578, 0.002067  
7.13095, 0.04583, 0.002124  
7.63665, 0.0524, 0.00262  
7.63964, 0.05258, 0.002411  
7.64332, 0.05238, 0.002486  
8.18562, 0.068, 0.00297  
8.18981, 0.06848, 0.002879  
8.1926, 0.06871, 0.002833  
8.77393, 0.08507, 0.003517  
8.77699, 0.0858, 0.003302  
8.78048, 0.08579, 0.003492  
9.40445, 0.1014, 0.00429  
9.40714, 0.1009, 0.003883  
9.41051, 0.1013, 0.003797  
10.0796, 0.1301, 0.00483  
10.082, 0.1315, 0.004496  
10.0863, 0.1309, 0.00462  
10.8055, 0.1591, 0.005783  
10.8079, 0.1592, 0.005314  
10.8112, 0.1581, 0.005335  
11.5831, 0.1896, 0.006931  
11.5891, 0.1893, 0.006236  
11.593, 0.1883, 0.006204  
12.4204, 0.2342, 0.007973  
12.4211, 0.2338, 0.007345  
12.4256, 0.235, 0.007516  
13.3127, 0.2936, 0.009543  
13.3136, 0.2927, 0.008722  
13.3176, 0.2931, 0.008887  
14.269, 0.3595, 0.01062  
14.2699, 0.361, 0.01169  
14.2723, 0.3589, 0.0109  
15.294, 0.4423, 0.01303  
15.2959, 0.4452, 0.01398  
15.2975, 0.4426, 0.01311  
16.3922, 0.5423, 0.01604  
16.3945, 0.5393, 0.01645  
16.3949, 0.5412, 0.01745  
17.5697, 0.66, 0.01958  
17.5704, 0.6699, 0.0231  
17.5732, 0.6612, 0.01995  
18.8325, 0.8228, 0.02439  
18.836, 0.8233, 0.02523  
18.8371, 0.8347, 0.0284  
20.1815, 1.016, 0.03109  
20.1823, 1.012, 0.0303  
20.197, 1.022, 0.03611  
21.6334, 1.245, 0.03994  
21.6377, 1.24, 0.03885  
21.6583, 1.262, 0.04388

Grossular(Kiel)\_3.txt

23.1874, 1.562, 0.04711  
23.1922, 1.562, 0.04862  
23.2139, 1.589, 0.05491  
24.8559, 1.947, 0.05933  
24.8621, 1.954, 0.06285  
24.8848, 1.984, 0.07209  
26.648, 2.367, 0.07465  
26.6507, 2.404, 0.07935  
26.6731, 2.526, 0.08853  
28.5601, 2.966, 0.09511  
28.5609, 2.987, 0.09455  
28.6015, 2.995, 0.1307  
30.6176, 3.772, 0.1206  
30.6188, 3.786, 0.1215  
30.6566, 3.825, 0.1335  
32.8205, 4.768, 0.1474  
32.8233, 4.77, 0.1485  
32.8689, 4.838, 0.1576  
35.1809, 5.96, 0.1826  
35.1831, 5.966, 0.1819  
35.2327, 6.024, 0.1894  
37.7139, 7.388, 0.2217  
37.7166, 7.375, 0.2229  
37.7691, 7.494, 0.2327  
40.4333, 9.243, 0.2689  
40.436, 9.26, 0.2701  
40.4946, 9.435, 0.2864  
43.3427, 11.42, 0.3191  
43.3427, 11.4, 0.318  
43.4048, 11.56, 0.3355  
46.4622, 13.97, 0.3783  
46.4651, 13.97, 0.3796  
46.5338, 14.14, 0.3978  
49.8084, 17.15, 0.4443  
49.8105, 17.19, 0.4462  
49.8809, 17.37, 0.4696  
53.392, 20.83, 0.5135  
53.3938, 20.84, 0.5127  
53.4643, 21.06, 0.5368  
57.2406, 25.23, 0.5857  
57.2432, 25.24, 0.5883  
57.3267, 25.57, 0.622  
61.3589, 30.12, 0.6672  
61.3618, 30.18, 0.6694  
61.4464, 30.39, 0.6965  
65.7716, 35.7, 0.7579  
65.7742, 35.8, 0.7585  
65.8655, 36.04, 0.792  
70.5121, 42.13, 0.8536  
70.5143, 42.31, 0.8362  
70.6052, 42.72, 0.8628  
75.5737, 49.35, 0.9337  
75.5763, 49.63, 0.9303  
75.6648, 49.67, 0.9471  
81.0219, 57.53, 1.021  
81.0275, 57.26, 1.023  
81.1176, 57.56, 1.055  
86.85, 66.38, 1.112  
86.8523, 66.26, 1.114  
86.9483, 66.9, 1.148  
93.0858, 75.86, 1.207  
93.0886, 76.11, 1.212  
93.1915, 76.16, 1.234  
99.7775, 87.23, 1.304  
99.778, 86.76, 1.3  
99.8806, 87.58, 1.35  
106.95, 98.98, 1.393  
106.951, 99.16, 1.39

Grossular(Kiel)\_3.txt

107.056, 99.3, 1.418  
114.641, 112.3, 1.473  
114.643, 111.9, 1.462  
114.746, 112.7, 1.507  
122.875, 125.3, 1.553  
122.881, 125.2, 1.553  
122.989, 125.9, 1.623  
131.717, 138.6, 1.632  
131.72, 138.8, 1.627  
131.826, 139.3, 1.669  
141.196, 153.6, 1.709  
141.198, 153.6, 1.713  
141.303, 153.7, 1.745  
151.348, 168.4, 1.774  
151.349, 168.1, 1.778  
151.452, 168.4, 1.82  
162.235, 186.3, 1.851  
162.237, 186.1, 1.852  
162.333, 186.6, 1.913  
173.968, 203.5, 1.915  
173.972, 202.7, 1.915  
174.067, 203.6, 1.955  
186.482, 217.9, 1.98  
186.482, 218.1, 1.97  
186.571, 218.2, 2.03  
199.871, 235.9, 2.041  
199.873, 236.3, 2.045  
199.958, 236.7, 2.11  
214.217, 253., 2.079  
214.219, 253.2, 2.067  
214.29, 253.1, 2.125  
229.588, 268.9, 2.125  
229.59, 269., 2.12  
229.641, 269.3, 2.176  
246.078, 287.1, 2.229  
246.086, 286.9, 2.175  
246.087, 287.5, 2.18  
263.67, 302.2, 2.262  
263.724, 302.4, 2.234  
263.727, 302.8, 2.235  
282.509, 317.8, 2.322  
282.627, 318.3, 2.307  
282.629, 318.6, 2.315  
302.865, 333.8, 2.303  
302.876, 333.6, 2.317  
302.888, 334.4, 2.321

## Grossular(Haselton)\_DSC\_1.txt

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(Haselton)\_DSC\_1.txt

282.055, 319.708, 1.034  
286.528, 323.144, 0.8868  
291.006, 326.616, 0.951  
295.495, 329.812, 0.9902  
299.99, 333.273, 0.8347  
304.491, 336.299, 0.7952  
308.996, 339.716, 0.5343  
313.51, 342.751, 0.7918  
318.029, 345.626, 0.6609  
322.55, 348.529, 0.4774  
327.078, 351.533, 0.487  
331.614, 354.659, 0.3235  
336.147, 357.029, 0.3615  
340.685, 360.294, 0.9351  
345.216, 362.679, 1.034  
349.748, 365.477, 0.6282  
354.28, 367.806, 0.6973  
358.81, 370.396, 0.6956  
363.34, 372.679, 0.9104  
383.091, 383.106, 0.8009  
387.616, 385.29, 0.6544  
392.139, 387.304, 0.6883  
396.658, 389.424, 0.8325  
401.177, 391.392, 0.8918  
405.699, 392.836, 1.961  
410.219, 395.269, 1.178  
414.74, 397.152, 1.375  
419.257, 399.027, 1.324  
423.775, 400.885, 1.279  
428.291, 402.752, 1.024  
432.813, 404.656, 0.9622  
437.33, 406.378, 1.192  
441.847, 408.066, 1.287  
446.356, 409.685, 1.531  
450.866, 411.778, 0.4832  
455.374, 413.634, 0.9498  
459.887, 414.621, 1.1  
464.398, 416.046, 1.117  
482.94, 421.98, 0.455  
487.447, 423.267, 0.6144  
491.956, 424.823, 0.4745  
496.461, 427.001, 0.7463  
500.969, 428.312, 0.6967  
505.477, 429.343, 0.1345  
509.985, 430.539, 0.2176  
514.489, 431.666, 0.03808  
518.996, 432.883, 0.1617  
523.499, 434.045, 0.2162  
528.005, 435.178, 0.3165  
532.507, 436.71, 0.3256  
537.013, 437.705, 0.5508  
541.514, 438.821, 0.8016  
546.017, 439.738, 1.051  
550.519, 440.582, 1.34  
555.024, 441.843, 1.252  
559.526, 442.776, 1.046  
564.031, 443.872, 0.7102  
582.801, 446.666, 0.5069  
587.305, 447.453, 0.3015  
591.807, 448.149, 0.4573  
596.309, 448.859, 0.4411  
600.809, 449.577, 0.3003  
605.312, 450.203, 0.427  
609.81, 450.613, 0.7043  
614.314, 452.069, 0.8095  
618.817, 453.061, 0.644

Grossular(Haselton)\_DSC\_1.txt

623.32, 453.853, 0.3492  
627.827, 454.672, 0.5365  
632.329, 455.616, 0.4512  
636.837, 456.605, 0.6027  
641.339, 458.031, 0.9056  
645.838, 458.946, 0.8436  
650.337, 459.666, 0.6011  
654.842, 460.411, 0.5868  
659.342, 461.257, 0.7585  
663.848, 462.049, 1.134  
682.67, 464.163, 2.703  
687.175, 464.631, 2.691  
691.673, 467.344, 1.237  
696.175, 465.924, 2.398  
700.677, 466.193, 2.715  
705.185, 466.877, 3.239  
709.694, 467.545, 3.426  
714.198, 468.007, 3.392  
718.705, 468.791, 3.369  
723.208, 468.966, 3.808  
727.716, 469.286, 3.898  
732.22, 469.943, 3.831  
736.731, 470.52, 3.955  
741.237, 471.28, 4.009  
745.74, 471.916, 4.209  
750.247, 472.317, 4.143  
754.75, 473.122, 4.18  
759.256, 473.467, 4.292  
763.759, 473.996, 4.006

## Grossular(Haselton)\_DSC\_2.txt

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(Haselton)\_DSC\_2.txt

282.067, 319.797, 0.1473  
286.54, 323.37, 0.04233  
291.018, 327.068, 0.08807  
295.506, 330.574, 0.01868  
300.002, 333.967, 0.2537  
304.503, 337.058, 0.2324  
309.008, 340.548, 0.4762  
313.521, 343.479, 0.4934  
318.04, 346.446, 0.387  
322.561, 349.405, 0.1595  
327.088, 352.337, 0.1458  
331.625, 355.306, 0.2859  
336.158, 358.037, 0.2459  
340.694, 360.649, 0.4634  
345.226, 363.68, 0.1787  
349.756, 366.338, 0.2868  
354.289, 369.083, 0.2482  
358.821, 371.476, 0.2222  
363.35, 374.003, 0.4323  
383.102, 383.291, 0.1707  
387.627, 385.487, 0.3403  
392.151, 387.782, 0.352  
396.669, 389.99, 0.3622  
401.189, 391.952, 0.3355  
405.71, 393.995, 0.3155  
410.229, 395.945, 0.3348  
414.751, 397.995, 0.3679  
419.267, 399.958, 0.2718  
423.786, 401.714, 0.2485  
428.302, 403.624, 0.2773  
432.823, 405.37, 0.4774  
437.338, 407.058, 0.4521  
441.854, 408.652, 0.4864  
446.363, 410.326, 0.3236  
450.874, 411.991, 0.2878  
455.381, 414.036, 0.344  
459.894, 415.035, 0.3312  
464.404, 416.531, 0.3742  
482.946, 422.891, 0.3523  
487.454, 424.493, 0.3387  
491.961, 426.011, 0.3008  
496.468, 427.49, 0.5384  
500.976, 428.658, 0.7229  
505.484, 429.967, 0.6371  
509.99, 431.209, 0.4898  
514.494, 432.54, 0.3748  
519.003, 433.763, 0.3451  
523.506, 435.166, 0.4077  
528.012, 436.341, 0.4569  
532.513, 437.352, 0.4382  
537.018, 438.687, 0.5744  
541.52, 440.008, 0.6343  
546.025, 441.071, 0.3876  
550.529, 442.161, 0.4702  
555.033, 443.078, 0.4599  
559.536, 443.876, 0.2519  
564.04, 444.841, 0.2713  
582.806, 447.996, 0.5715  
587.31, 448.913, 0.6235  
591.811, 449.974, 0.4554  
596.313, 450.768, 0.7007  
600.812, 451.548, 0.8171  
605.318, 452.321, 0.9075  
609.817, 453.153, 1.095  
614.32, 454.051, 1.163  
618.82, 454.994, 1.289

Grossular(Haselton)\_DSC\_2.txt

623.325, 456.051, 1.052  
627.83, 457.089, 1.101  
632.333, 458.288, 1.209  
636.839, 459.355, 1.374  
641.342, 460.418, 1.427  
645.839, 461.281, 1.568  
650.338, 462.022, 1.497  
654.844, 462.749, 1.228  
659.344, 463.427, 0.7939  
663.849, 464.143, 0.7858  
682.673, 465.942, 0.07459  
687.18, 466.833, 0.2365  
691.68, 467.464, 0.2536  
696.183, 468.244, 0.259  
700.684, 468.724, 0.4286  
705.193, 469.388, 0.3291  
709.701, 470.053, 0.5597  
714.205, 470.717, 0.6038  
718.711, 471.393, 0.9546  
723.216, 471.996, 0.997  
727.724, 472.601, 1.201  
732.227, 473.186, 1.019  
736.736, 473.618, 1.096  
741.242, 474.108, 0.9144  
745.744, 474.682, 0.9491  
750.249, 475.051, 0.8946  
754.752, 475.976, 0.7488  
759.259, 476.575, 0.556  
763.764, 477.187, 0.5541

## Grossular(Haselton)\_DSC\_3.txt

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(Haselton)\_DSC\_3.txt

282.074,	319.992,	0.3825
286.546,	323.421,	0.1354
291.024,	326.939,	0.03408
295.512,	330.303,	0.1611
300.007,	333.865,	0.2074
304.507,	336.947,	0.1255
309.011,	340.318,	0.2366
313.525,	343.437,	0.118
318.043,	346.391,	0.3053
322.563,	349.408,	0.2624
327.091,	352.369,	0.2812
331.627,	355.273,	0.3235
336.16,	357.831,	0.3694
340.697,	360.946,	0.3977
345.228,	363.462,	0.5306
349.758,	366.256,	0.3922
354.291,	368.929,	0.2257
358.823,	371.401,	0.02816
363.351,	373.606,	0.1402
383.103,	383.848,	0.699
387.628,	386.048,	0.8293
392.152,	388.174,	0.7508
396.669,	390.187,	0.4781
401.19,	392.099,	0.292
405.711,	394.187,	0.3844
410.23,	396.021,	0.5185
414.751,	397.788,	0.5101
419.269,	399.591,	0.4687
423.788,	401.307,	0.495
428.303,	403.086,	0.4246
432.824,	404.908,	0.5407
437.339,	406.63,	0.5784
441.856,	408.501,	0.5901
446.364,	410.307,	0.5241
450.874,	411.985,	0.4884
455.382,	414.348,	0.4193
459.894,	415.579,	0.4504
464.406,	417.072,	0.5058
482.945,	422.944,	0.8076
487.453,	424.455,	0.8921
491.96,	426.079,	0.6847
496.466,	427.633,	0.8337
500.974,	429.043,	0.9132
505.483,	430.26,	0.9208
509.99,	431.46,	0.9102
514.495,	432.774,	1.006
519.001,	433.97,	1.09
523.505,	435.066,	0.9215
528.011,	436.306,	0.7802
532.511,	437.482,	0.8495
537.017,	438.703,	0.887
541.518,	440.031,	0.81
546.022,	440.91,	1.017
550.525,	441.907,	1.08
555.031,	442.876,	1.008
559.534,	443.812,	0.8859
564.037,	444.717,	0.9699
582.804,	448.436,	1.203
587.31,	449.308,	1.242
591.81,	450.117,	1.35
596.312,	450.893,	1.569
600.813,	451.726,	1.812
605.316,	452.664,	1.63
609.816,	453.502,	1.62
614.319,	454.547,	1.667
618.821,	455.644,	1.693



Grossular(Haselton)\_DSC\_3.txt

623.324, 456.746, 2.106  
627.829, 457.801, 2.227  
632.332, 458.657, 2.239  
636.839, 459.823, 2.144  
641.341, 460.797, 1.874  
645.84, 461.513, 1.653  
650.337, 462.313, 1.597  
654.841, 463.124, 1.634  
659.343, 463.939, 1.452  
663.847, 464.464, 1.364  
682.67, 465.951, 0.7689  
687.177, 466.669, 0.8253  
691.678, 467.164, 0.7075  
696.18, 467.736, 0.8777  
700.682, 468.463, 0.7559  
705.19, 469.063, 0.4484  
709.697, 469.777, 0.646  
714.203, 470.264, 0.8847  
718.708, 470.846, 0.6696  
723.214, 471.351, 0.5754  
727.721, 471.79, 0.6765  
732.226, 472.258, 0.7294  
736.735, 472.563, 0.5149  
741.24, 472.906, 0.4816  
745.742, 473.432, 0.599  
750.249, 473.99, 0.3211  
754.751, 474.341, 0.01986  
759.257, 475.021, 0.2589  
763.761, 475.582, 0.104

## Grossular(R92)\_DSC\_1.txt

Dachs et al. (2011): DSC data Salzburg (T(K), Cp(J/mol.K), sigma(Cp)):

Grossular(R92)\_DSC\_1.txt  
282.095, 319.368, 0.7934  
286.566, 322.601, 0.7442  
291.043, 325.872, 0.6166  
295.531, 329.351, 0.2819  
300.024, 332.787, 0.4132  
304.524, 336.261, 0.3566  
309.029, 339.454, 0.6986  
313.541, 342.51, 0.1433  
318.059, 345.613, 0.3073  
322.58, 348.202, 0.6911  
327.106, 351.501, 0.3506  
331.642, 354.576, 0.4092  
336.175, 357.331, 0.381  
340.71, 360.115, 0.4723  
345.241, 362.854, 0.4463  
349.773, 365.525, 0.5376  
354.305, 368.329, 0.599  
358.835, 370.802, 0.5152  
363.365, 373.269, 0.5983  
383.055, 382.961, 0.6019  
387.581, 385.177, 0.6459  
392.105, 387.165, 0.2637  
396.625, 389.222, 0.2653  
401.143, 391.041, 0.2197  
405.664, 393.132, 0.29  
410.184, 395.219, 0.2112  
414.705, 397.281, 0.3797  
419.223, 399.108, 0.4604  
423.741, 400.835, 0.5853  
428.257, 402.548, 0.621  
432.778, 404.37, 0.4487  
437.294, 406.099, 0.3125  
441.811, 407.537, 0.1199  
446.32, 409.237, 0.3303  
450.83, 410.865, 0.4303  
455.337, 412.51, 0.2438  
459.85, 414.329, 0.101  
464.361, 416.058, 0.3574  
482.899, 421.636, 0.3698  
487.409, 423.145, 0.5538  
491.916, 424.601, 0.6874  
496.42, 425.977, 0.7123  
500.926, 427.342, 0.8587  
505.435, 428.741, 0.894  
509.943, 430.084, 1.07  
514.448, 431.345, 1.096  
518.955, 432.567, 0.9981  
523.459, 433.73, 1.093  
527.965, 434.705, 1.147  
532.465, 435.844, 1.179  
536.971, 437.072, 1.17  
541.472, 438.17, 0.8701  
545.976, 439.285, 0.6752  
550.479, 440.245, 0.7373  
554.986, 441.228, 0.7216  
559.488, 442.287, 0.6318  
563.992, 443.051, 0.8461  
582.759, 447.219, 1.786  
587.264, 448.071, 1.951  
591.764, 449.026, 2.177  
596.266, 449.983, 2.355  
600.766, 450.79, 2.346  
605.271, 451.754, 2.461  
609.771, 453.01, 2.426  
614.274, 454.074, 2.566  
618.776, 455.108, 2.416

Grossular(R92)\_DSC\_1.txt

623.28, 456.165, 2.571  
627.784, 457.145, 2.568  
632.288, 458.198, 2.6  
636.795, 459.083, 2.736  
641.296, 459.68, 2.778  
645.794, 460.306, 2.888  
650.292, 460.953, 3.047  
654.799, 461.479, 2.629  
659.3, 462.094, 2.355  
663.805, 462.55, 2.134  
682.624, 464.327, 1.901  
687.13, 464.947, 2.449  
691.631, 465.699, 2.741  
696.133, 466.266, 3.11  
700.635, 466.941, 3.321  
705.144, 467.513, 3.618  
709.65, 468.051, 3.502  
714.154, 468.476, 3.639  
718.661, 468.898, 3.466  
723.165, 469.52, 3.611  
727.673, 470.082, 3.588  
732.176, 470.684, 3.583  
736.685, 471.583, 3.733  
741.191, 472.249, 3.65  
745.691, 472.894, 3.79  
750.199, 473.243, 3.418  
754.704, 473.806, 3.137  
759.209, 474.319, 2.908  
763.71, 474.74, 2.625

## Grossular(R92)\_DSC\_2.txt

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

Grossular(R92)\_DSC\_2.txt  
282.07, 317.798, 2.021  
286.543, 321.376, 2.262  
291.02, 324.64, 2.259  
295.509, 328.038, 2.055  
300.004, 331.526, 2.564  
304.503, 334.812, 2.189  
309.009, 337.813, 2.056  
313.523, 340.98, 2.157  
318.041, 343.878, 2.1  
322.563, 346.918, 1.906  
327.09, 349.948, 1.999  
331.626, 352.878, 2.069  
336.159, 355.598, 2.078  
340.696, 358.563, 2.025  
345.227, 360.738, 1.562  
349.759, 363.481, 1.801  
354.291, 366.358, 1.99  
358.823, 368.948, 2.069  
363.353, 371.414, 1.956  
383.101, 381.552, 2.607  
387.628, 383.673, 2.336  
392.149, 385.65, 2.105  
396.669, 387.543, 1.97  
401.189, 389.576, 1.884  
405.71, 391.748, 1.585  
410.23, 393.639, 1.546  
414.752, 395.654, 1.783  
419.269, 397.643, 1.96  
423.787, 399.387, 2.06  
428.302, 401.118, 2.052  
432.823, 402.892, 2.167  
437.339, 404.651, 2.333  
441.856, 406.485, 2.203  
446.365, 408.127, 2.223  
450.876, 409.727, 2.189  
455.384, 411.306, 1.962  
459.898, 412.844, 1.958  
464.408, 414.397, 2.079  
482.946, 420.486, 1.835  
487.456, 422.089, 1.788  
491.964, 423.596, 1.832  
496.469, 424.959, 1.908  
500.975, 426.15, 1.692  
505.483, 427.393, 1.8  
509.991, 428.551, 2.046  
514.499, 429.688, 1.964  
519.004, 430.822, 1.889  
523.508, 432.05, 1.656  
528.013, 433.224, 1.529  
532.514, 434.405, 1.588  
537.02, 435.572, 1.576  
541.521, 436.636, 1.763  
546.025, 437.606, 1.941  
550.529, 438.603, 1.97  
555.035, 439.568, 1.949  
559.538, 440.624, 1.897  
564.041, 441.837, 1.91  
582.81, 445.688, 0.9957  
587.313, 446.422, 1.143  
591.814, 447.168, 1.031  
596.316, 447.656, 0.9099  
600.815, 448.465, 0.8781  
605.319, 449.315, 1.164  
609.819, 450.305, 1.39  
614.325, 451.309, 1.415  
618.827, 452.355, 1.714

Grossular(R92)\_DSC\_2.txt

623.331, 453.514, 1.874  
627.835, 454.471, 2.015  
632.339, 455.458, 1.867  
636.845, 456.501, 1.799  
641.349, 457.812, 2.08  
645.847, 458.379, 1.688  
650.345, 459.02, 1.434  
654.848, 459.799, 1.495  
659.349, 460.605, 1.27  
663.854, 461.367, 1.073  
682.678, 463.372, 0.7716  
687.184, 464.035, 0.5461  
691.685, 464.933, 0.3457  
696.187, 465.699, 0.3129  
700.689, 466.482, 0.349  
705.197, 466.973, 0.4439  
709.704, 467.581, 0.6973  
714.209, 468.445, 0.6702  
718.716, 469.169, 0.6438  
723.219, 469.739, 0.4028  
727.728, 470.508, 0.3633  
732.232, 470.907, 0.2928  
736.741, 471.25, 0.5119  
741.246, 471.538, 0.3362  
745.748, 472.193, 0.3722  
750.255, 472.634, 0.1891  
754.759, 473.03, 0.597  
759.266, 473.543, 1.051  
763.769, 473.865, 1.411

## Grossular(R92)\_DSC\_3.txt

Dachs et al. (2011): DSC data Salzburg (T(K),Cp(J/mol.K),sigma(Cp)):

```
Grossular(R92)_DSC_3.txt
282.063, 319.257, 0.9877
286.535, 322.865, 1.015
291.013, 326.466, 1.061
295.501, 329.873, 1.229
299.995, 333.271, 0.984
304.496, 336.365, 1.132
309.002, 339.314, 1.089
313.515, 342.448, 1.198
318.032, 345.772, 1.166
322.553, 348.543, 1.225
327.082, 351.573, 0.9891
331.617, 353.973, 1.221
336.152, 356.634, 1.086
340.69, 359.447, 1.331
345.221, 362.734, 0.9424
349.753, 365.247, 0.9892
354.284, 367.998, 1.095
358.817, 370.553, 1.096
363.345, 372.994, 0.8573
383.096, 382.83, 0.3562
387.623, 385.124, 0.1663
392.144, 387.327, 0.2244
396.664, 389.335, 0.1702
401.184, 391.194, 0.2062
405.706, 393.257, 0.162
410.226, 395.075, 0.2451
414.747, 397.066, 0.2115
419.264, 398.985, 0.4037
423.784, 400.933, 0.6248
428.299, 402.739, 0.4717
432.821, 404.516, 0.2898
437.336, 406.04, 0.4591
441.852, 407.515, 0.2941
446.362, 409.236, 0.2309
450.872, 410.924, 0.3199
455.38, 412.459, 0.6236
459.894, 414.064, 0.6059
464.404, 415.942, 0.5637
482.942, 422.401, 0.2234
487.453, 423.778, 0.1611
491.959, 425.33, 0.1532
496.465, 426.683, 0.1792
500.972, 428.046, 0.4316
505.48, 429.323, 0.7187
509.987, 430.778, 1.097
514.493, 431.967, 1.115
519.001, 432.961, 1.016
523.505, 434.021, 1.245
528.01, 434.903, 1.389
532.511, 435.978, 1.355
537.016, 437.006, 1.068
541.519, 438.108, 0.9189
546.021, 439.298, 0.7526
550.525, 440.463, 0.7441
555.031, 441.566, 0.6408
559.533, 442.421, 0.5518
564.037, 443.502, 0.5747
582.802, 448.037, 0.502
587.308, 449.068, 0.6141
591.808, 450.159, 0.5306
596.312, 451.056, 0.6564
600.812, 452.289, 0.8251
605.315, 453.478, 0.9678
609.815, 454.457, 0.8334
614.318, 455.551, 0.9845
618.819, 456.193, 1.08
```

Grossular(R92)\_DSC\_3.txt

623.321, 457.032, 1.054  
627.827, 457.756, 1.198  
632.331, 458.305, 1.461  
636.839, 458.954, 1.568  
641.343, 459.616, 1.556  
645.84, 460.331, 1.186  
650.338, 461.131, 0.9733  
654.841, 462.016, 0.9705  
659.343, 462.704, 1.093  
663.849, 463.219, 1.257  
682.666, 465.531, 0.8441  
687.172, 466.216, 1.133  
691.673, 466.97, 1.395  
696.176, 467.346, 1.371  
700.678, 468.019, 1.222  
705.187, 468.729, 1.334  
709.695, 469.564, 1.247  
714.202, 470.306, 1.6  
718.709, 470.816, 1.744  
723.212, 471.246, 1.579  
727.721, 471.546, 1.478  
732.223, 471.948, 0.8001  
736.732, 472.616, 0.6216  
741.24, 473.609, 0.7887  
745.743, 474.033, 0.7447  
750.248, 474.716, 0.358  
754.751, 475.393, 0.5313  
759.256, 475.936, 0.6025  
763.76, 476.602, 0.6884

## Grossular(Kiel)\_DSC\_1.txt

Dachs et al. (2011): DSC data Salzburg (T(K), Cp(J/mol.K), sigma(Cp)):

Grossular(Kiel)\_DSC\_1.txt

282.095, 318.887, 1.058  
286.566, 322.235, 0.8983  
291.043, 325.653, 0.8156  
295.531, 329.207, 0.7125  
300.024, 332.456, 0.8352  
304.524, 335.57, 0.4094  
309.029, 339.316, 0.4546  
313.541, 342.284, 0.8803  
318.059, 345.38, 0.8766  
322.58, 348.127, 1.038  
327.106, 351.071, 0.7793  
331.642, 354.095, 0.8104  
336.175, 356.728, 0.7239  
340.71, 359.455, 0.5908  
345.241, 362.101, 0.635  
349.773, 364.709, 0.609  
354.305, 367.479, 0.5645  
358.835, 370.028, 0.4622  
363.365, 372.633, 0.507  
383.055, 382.218, 0.5901  
387.581, 384.483, 0.5515  
392.105, 386.468, 0.4917  
396.625, 388.628, 0.5728  
401.143, 390.648, 0.4918  
405.664, 392.627, 0.7485  
410.184, 394.551, 0.6583  
414.705, 396.505, 0.6242  
419.223, 398.47, 0.5025  
423.741, 400.295, 0.3656  
428.257, 401.943, 0.2235  
432.778, 403.744, 0.2037  
437.294, 405.505, 0.1086  
441.811, 407.296, 0.2921  
446.32, 409.196, 0.3875  
450.83, 410.825, 0.653  
455.337, 412.474, 0.6954  
459.85, 414.23, 0.9417  
464.361, 415.828, 1.197  
482.899, 421.62, 0.7851  
487.409, 423.262, 0.8775  
491.916, 424.786, 0.9105  
496.42, 426.283, 0.8336  
500.926, 427.561, 0.6855  
505.435, 429.02, 0.7342  
509.943, 430.284, 0.7033  
514.448, 431.49, 0.6271  
518.955, 432.723, 0.689  
523.459, 433.724, 0.8337  
527.965, 434.917, 1.019  
532.465, 436.186, 0.9742  
536.971, 437.337, 1.063  
541.472, 438.504, 0.9464  
545.976, 439.619, 0.9241  
550.479, 440.689, 1.07  
554.986, 441.724, 1.037  
559.488, 442.566, 0.7855  
563.992, 443.374, 0.6358  
582.759, 447.18, 1.11  
587.264, 448.346, 1.086  
591.764, 449.408, 1.197  
596.266, 450.181, 0.8078  
600.766, 451.16, 0.8368  
605.271, 452.112, 0.7783  
609.771, 453.272, 0.9386  
614.274, 454.241, 1.161  
618.776, 455.383, 1.169



Grossular(Kiel)\_DSC\_1.txt

623.28, 456.427, 1.266  
627.784, 457.466, 1.117  
632.288, 458.481, 0.9718  
636.795, 459.285, 0.6632  
641.296, 459.954, 0.8469  
645.794, 460.645, 1.016  
650.292, 461.328, 1.407  
654.799, 462.012, 1.166  
659.3, 462.715, 0.9481  
663.805, 463.34, 1.009  
682.624, 465.78, 1.055  
687.13, 466.809, 1.266  
691.631, 467.465, 1.307  
696.133, 468.442, 1.273  
700.635, 469.272, 1.578  
705.144, 470.033, 1.799  
709.65, 470.638, 2.03  
714.154, 471.336, 2.38  
718.661, 472.133, 2.701  
723.165, 472.795, 3.081  
727.673, 473.291, 3.269  
732.176, 473.639, 3.519  
736.685, 474.27, 3.528  
741.191, 474.548, 3.473  
745.691, 475.403, 3.451  
750.199, 476.089, 3.312  
754.704, 476.797, 3.275  
759.209, 477.21, 3.313  
763.71, 477.716, 3.325

## Grossular(Kiel)\_DSC\_2.txt

Dachs et al. (2011): DSC data Salzburg (T(K), Cp(J/mol.K), sigma(Cp)):

Grossular(Kiel)\_DSC\_2.txt

282.063,	319.08,	0.726
286.537,	322.781,	0.9605
291.014,	326.237,	0.6595
295.503,	329.763,	0.5041
299.998,	333.347,	0.5141
304.497,	336.448,	0.4632
309.003,	339.439,	0.4781
313.517,	342.718,	0.3319
318.035,	345.603,	0.3487
322.557,	348.643,	0.2506
327.085,	351.665,	0.1744
331.62,	354.519,	0.03347
336.154,	357.047,	0.2189
340.691,	360.167,	0.1029
345.222,	362.35,	0.5905
349.754,	365.227,	0.3974
354.286,	368.058,	0.7791
358.818,	370.721,	0.8587
363.348,	373.172,	0.9802
383.098,	383.392,	0.3569
387.624,	385.479,	0.5394
392.145,	387.548,	0.7923
396.666,	389.628,	0.963
401.185,	391.466,	0.7831
405.707,	393.491,	0.7602
410.227,	395.172,	0.5496
414.748,	397.202,	0.4106
419.266,	399.075,	0.3196
423.783,	400.967,	0.3602
428.299,	402.628,	0.259
432.82,	404.55,	0.2148
437.336,	406.304,	0.04288
441.852,	407.931,	0.2226
446.362,	409.661,	0.3522
450.873,	411.268,	0.6526
455.381,	412.825,	0.861
459.895,	414.276,	0.9168
464.404,	415.958,	0.9378
482.943,	421.735,	0.3452
487.453,	423.449,	0.1751
491.96,	425.036,	0.1462
496.466,	426.615,	0.1519
500.971,	427.909,	0.5492
505.48,	429.242,	0.4326
509.988,	430.52,	0.1231
514.495,	431.741,	0.3408
519.001,	432.943,	0.3055
523.504,	434.119,	0.3424
528.01,	435.274,	0.5892
532.511,	436.336,	0.551
537.017,	437.346,	0.4825
541.518,	438.408,	0.3933
546.023,	439.498,	0.3362
550.527,	440.552,	0.2998
555.032,	441.635,	0.2261
559.535,	442.549,	0.2501
564.038,	443.518,	0.4384
582.807,	446.765,	0.1821
587.31,	447.499,	0.5175
591.811,	448.13,	0.6444
596.313,	448.807,	0.7671
600.811,	449.517,	0.9761
605.317,	450.414,	1.171
609.817,	451.276,	1.155
614.322,	452.092,	1.132
618.825,	453.121,	1.138

Grossular(Kiel)\_DSC\_2.txt

623.328, 454.378, 1.077  
627.832, 455.497, 1.171  
632.336, 456.18, 1.208  
636.842, 456.989, 1.077  
641.345, 458.005, 1.084  
645.844, 458.932, 0.9385  
650.342, 459.664, 0.5364  
654.845, 460.481, 0.2544  
659.346, 461.369, 0.5549  
663.85, 462.317, 0.7914  
682.675, 464.864, 0.1309  
687.181, 465.399, 0.06469  
691.682, 466.304, 0.3915  
696.184, 466.868, 0.4464  
700.686, 467.487, 0.454  
705.195, 467.987, 0.1898  
709.701, 468.582, 0.1711  
714.205, 469.306, 0.4425  
718.713, 470.023, 0.5061  
723.216, 470.8, 0.398  
727.725, 471.559, 0.4733  
732.229, 472.392, 0.5858  
736.738, 473.052, 0.5626  
741.244, 473.523, 0.584  
745.746, 474.137, 0.5288  
750.253, 474.64, 0.556  
754.757, 475.237, 0.516  
759.264, 475.66, 0.5742  
763.766, 476.053, 0.7044

## Grossular(Kiel)\_DSC\_3.txt

Dachs et al. (2011): DSC data Salzburg (T(K), Cp(J/mol.K), sigma(Cp)):

Grossular(Kiel)\_DSC\_3.txt

282.095, 318.887, 1.058  
286.566, 322.235, 0.8983  
291.043, 325.653, 0.8156  
295.531, 329.207, 0.7125  
300.024, 332.456, 0.8352  
304.524, 335.57, 0.4094  
309.029, 339.316, 0.4546  
313.541, 342.284, 0.8803  
318.059, 345.38, 0.8766  
322.58, 348.127, 1.038  
327.106, 351.071, 0.7793  
331.642, 354.095, 0.8104  
336.175, 356.728, 0.7239  
340.71, 359.455, 0.5908  
345.241, 362.101, 0.635  
349.773, 364.709, 0.609  
354.305, 367.479, 0.5645  
358.835, 370.028, 0.4622  
363.365, 372.633, 0.507  
383.055, 382.218, 0.5901  
387.581, 384.483, 0.5515  
392.105, 386.468, 0.4917  
396.625, 388.628, 0.5728  
401.143, 390.648, 0.4918  
405.664, 392.627, 0.7485  
410.184, 394.551, 0.6583  
414.705, 396.505, 0.6242  
419.223, 398.47, 0.5025  
423.741, 400.295, 0.3656  
428.257, 401.943, 0.2235  
432.778, 403.744, 0.2037  
437.294, 405.505, 0.1086  
441.811, 407.296, 0.2921  
446.32, 409.196, 0.3875  
450.83, 410.825, 0.653  
455.337, 412.474, 0.6954  
459.85, 414.23, 0.9417  
464.361, 415.828, 1.197  
482.899, 421.62, 0.7851  
487.409, 423.262, 0.8775  
491.916, 424.786, 0.9105  
496.42, 426.283, 0.8336  
500.926, 427.561, 0.6855  
505.435, 429.02, 0.7342  
509.943, 430.284, 0.7033  
514.448, 431.49, 0.6271  
518.955, 432.723, 0.689  
523.459, 433.724, 0.8337  
527.965, 434.917, 1.019  
532.465, 436.186, 0.9742  
536.971, 437.337, 1.063  
541.472, 438.504, 0.9464  
545.976, 439.619, 0.9241  
550.479, 440.689, 1.07  
554.986, 441.724, 1.037  
559.488, 442.566, 0.7855  
563.992, 443.374, 0.6358  
582.759, 447.18, 1.11  
587.264, 448.346, 1.086  
591.764, 449.408, 1.197  
596.266, 450.181, 0.8078  
600.766, 451.16, 0.8368  
605.271, 452.112, 0.7783  
609.771, 453.272, 0.9386  
614.274, 454.241, 1.161  
618.776, 455.383, 1.169

Grossular(Kiel)\_DSC\_3.txt

623.28, 456.427, 1.266  
627.784, 457.466, 1.117  
632.288, 458.481, 0.9718  
636.795, 459.285, 0.6632  
641.296, 459.954, 0.8469  
645.794, 460.645, 1.016  
650.292, 461.328, 1.407  
654.799, 462.012, 1.166  
659.3, 462.715, 0.9481  
663.805, 463.34, 1.009  
682.624, 465.78, 1.055  
687.13, 466.809, 1.266  
691.631, 467.465, 1.307  
696.133, 468.442, 1.273  
700.635, 469.272, 1.578  
705.144, 470.033, 1.799  
709.65, 470.638, 2.03  
714.154, 471.336, 2.38  
718.661, 472.133, 2.701  
723.165, 472.795, 3.081  
727.673, 473.291, 3.269  
732.176, 473.639, 3.519  
736.685, 474.27, 3.528  
741.191, 474.548, 3.473  
745.691, 475.403, 3.451  
750.199, 476.089, 3.312  
754.704, 476.797, 3.275  
759.209, 477.21, 3.313  
763.71, 477.716, 3.325