

*****silica cubic 251002007 *****

PARAMETERS

A= 7.1200 B= 7.1200 C= 7.1200
 AF= 90.000 BT= 90.000 GM= 90.000
 NUVW= 8 NSY= 1 NL= 6
 SY: 1-CUBIC; 2-TETRA; 3-ORTH; 4-HEX; 5-MONO; 6-TRIC
 LT: 1-F; 2-I; 3-C; 4-B; 5-A; 6-P; 7-R;

K	U	V	W	H1	K1	L1	H2	K2	L2	R2/R1	R3/R1	FAI	D1	D2
1	1	1	1	0	-1	1	1	0	-1	1.000	1.000	120.00	5.035	5.035
2	6	5	2	-1	2	-2	-2	2	1	1.000	1.054	63.61	2.373	2.373
3	4	2	1	0	-1	2	1	-2	0	1.000	1.095	66.42	3.184	3.184
4	5	3	1	-1	2	-1	-1	1	2	1.000	1.291	80.41	2.907	2.907
5	1	0	0	0	1	0	0	0	1	1.000	1.414	90.00	7.120	7.120
6	7	6	2	-2	2	1	0	-1	3	1.054	1.374	83.95	2.373	2.252
7	8	3	1	-1	2	2	0	-1	3	1.054	1.106	65.06	2.373	2.252
8	4	3	2	-1	0	2	1	-2	1	1.095	1.342	79.48	3.184	2.907
9	5	2	1	0	-1	2	1	-2	-1	1.095	1.483	90.00	3.184	2.907
10	8	5	1	-1	2	-2	-1	1	3	1.106	1.247	107.55	2.373	2.147
11	7	5	4	2	-2	-1	1	1	-3	1.106	1.247	72.45	2.373	2.147
12	8	7	5	-1	-1	3	2	-3	1	1.128	1.243	71.20	2.147	1.903
13	7	6	4	-2	1	2	0	-2	3	1.202	1.247	68.30	2.373	1.975
14	2	1	1	0	-1	1	1	-1	-1	1.225	1.581	90.00	5.035	4.111
15	5	4	3	-1	2	-1	-2	1	2	1.225	1.354	74.21	2.907	2.373
16	6	4	1	-1	1	2	1	-2	2	1.225	1.472	82.18	2.907	2.373
17	8	7	2	-2	2	1	1	-2	3	1.247	1.374	105.50	2.373	1.903
18	8	7	3	-1	2	-2	-2	1	3	1.247	1.453	100.26	2.373	1.903
19	8	6	5	-2	1	2	1	-3	2	1.247	1.528	95.11	2.373	1.903
20	3	2	1	-1	1	1	0	-1	2	1.291	1.414	75.04	4.111	3.184
21	7	3	1	-1	2	1	0	-1	3	1.291	1.528	82.58	2.907	2.252
22	6	2	1	0	-1	2	1	-2	-2	1.342	1.414	107.35	3.184	2.373
23	5	4	2	0	-1	2	2	-2	-1	1.342	1.673	90.00	3.184	2.373
24	7	3	2	-1	1	2	1	-3	1	1.354	1.472	104.25	2.907	2.147
25	7	4	1	-1	2	-1	-1	1	3	1.354	1.683	90.00	2.907	2.147
26	6	3	1	-1	2	0	0	-1	3	1.414	1.483	106.43	3.184	2.252
27	6	3	2	-1	2	0	-1	0	3	1.414	1.612	81.87	3.184	2.252
28	1	1	0	0	0	-1	-1	1	0	1.414	1.732	90.00	7.120	5.035
29	8	3	2	-1	2	1	0	-2	3	1.472	1.683	96.50	2.907	1.975
30	6	5	4	-1	2	-1	-2	0	3	1.472	1.683	96.50	2.907	1.975
31	7	2	1	0	-1	2	1	-3	-1	1.483	1.673	82.25	3.184	2.147
32	7	5	1	-1	1	2	1	-2	3	1.528	1.528	70.89	2.907	1.903
33	7	5	3	-1	2	-1	-2	1	3	1.528	1.732	83.74	2.907	1.903
34	2	2	1	-1	1	0	0	-1	2	1.581	1.581	108.43	5.035	3.184
35	6	4	3	-1	0	2	2	-3	0	1.612	1.673	104.36	3.184	1.975
36	8	2	1	0	-1	2	1	-3	-2	1.673	1.844	96.86	3.184	1.903
37	7	4	2	0	-1	2	2	-3	-1	1.673	1.844	83.14	3.184	1.903
38	6	5	3	-1	0	2	2	-3	1	1.673	1.949	90.00	3.184	1.903
39	8	5	2	-1	2	-1	-2	2	3	1.683	1.683	72.72	2.907	1.727
40	8	6	1	-1	1	2	2	-3	2	1.683	1.871	95.68	2.907	1.727
41	3	1	1	0	-1	1	1	-1	-2	1.732	1.732	106.78	5.035	2.907
42	4	3	1	-1	1	1	1	-2	2	1.732	1.826	101.10	4.111	2.373
43	7	6	5	-1	2	-1	-3	1	3	1.780	1.871	79.20	2.907	1.633
44	8	4	1	-1	2	0	0	-1	4	1.844	1.897	102.53	3.184	1.727
45	8	4	3	-1	2	0	-1	-1	4	1.897	2.049	96.05	3.184	1.678
46	7	6	3	0	-1	2	3	-3	-1	1.949	2.098	84.11	3.184	1.633
47	8	7	6	-1	2	-1	-3	0	4	2.041	2.198	94.68	2.907	1.424
48	8	5	4	-1	0	2	2	-4	1	2.049	2.280	90.00	3.184	1.554
49	5	3	2	-1	1	1	0	-2	3	2.082	2.160	80.79	4.111	1.975

50	8	6	3	0	-1	2	3	-3	-2	2.098	2.236	95.47	3.184	1.518
51	4	1	1	0	-1	1	1	-2	-2	2.121	2.345	90.00	5.035	2.373
52	3	2	2	0	-1	1	2	-1	-2	2.121	2.121	103.63	5.035	2.373
53	5	4	1	-1	1	1	1	-2	3	2.160	2.380	90.00	4.111	1.903
54	3	3	1	-1	1	0	0	-1	3	2.236	2.236	102.92	5.035	2.252
55	2	1	0	0	0	-1	-1	2	0	2.236	2.449	90.00	7.120	3.184
56	8	7	4	-1	0	2	3	-4	1	2.280	2.408	95.03	3.184	1.396
57	3	3	2	-1	1	0	-1	-1	3	2.345	2.550	90.00	5.035	2.147
58	5	1	1	0	-1	1	1	-3	-2	2.646	2.646	79.11	5.035	1.903
59	6	5	1	-1	1	1	1	-2	4	2.646	2.708	82.76	4.111	1.554
60	7	4	3	-1	1	1	0	-3	4	2.887	2.944	83.37	4.111	1.424
61	4	4	1	-1	1	0	0	-1	4	2.915	2.915	99.87	5.035	1.727
62	5	2	2	0	-1	1	2	-3	-2	2.915	2.915	80.13	5.035	1.727
63	4	3	3	0	-1	1	3	-2	-2	2.915	3.082	90.00	5.035	1.727
64	7	5	2	-1	1	1	1	-3	4	2.944	3.109	90.00	4.111	1.396
65	6	1	1	0	-1	1	1	-3	-3	3.082	3.240	90.00	5.035	1.633
66	7	6	1	-1	1	1	2	-3	4	3.109	3.162	96.15	4.111	1.322
67	3	1	0	0	0	-1	-1	3	0	3.162	3.317	90.00	7.120	2.252
68	4	4	3	-1	1	0	-2	-1	4	3.240	3.240	81.12	5.035	1.554
69	5	3	3	0	-1	1	3	-3	-2	3.317	3.317	81.33	5.035	1.518
70	8	5	3	-1	1	1	1	-4	4	3.317	3.367	95.77	4.111	1.239
71	8	7	1	-1	1	1	2	-3	5	3.559	3.697	90.00	4.111	1.155
72	7	1	1	0	-1	1	1	-4	-3	3.606	3.606	82.03	5.035	1.396
73	5	5	1	-1	1	0	0	-1	5	3.606	3.606	97.97	5.035	1.396
74	3	2	0	0	0	-1	-2	3	0	3.606	3.742	90.00	7.120	1.975
75	5	5	2	-1	1	0	-1	-1	5	3.674	3.808	90.00	5.035	1.370
76	7	2	2	0	-1	1	2	-3	-4	3.808	3.808	97.55	5.035	1.322
77	5	4	4	0	-1	1	4	-3	-2	3.808	3.808	82.45	5.035	1.322
78	5	5	3	-1	1	0	-2	-1	5	3.873	3.873	82.58	5.035	1.300
79	8	1	1	0	-1	1	1	-4	-4	4.062	4.183	90.00	5.035	1.239
80	5	5	4	-1	1	0	-2	-2	5	4.062	4.183	90.00	5.035	1.239
81	7	3	3	0	-1	1	3	-4	-3	4.123	4.123	83.03	5.035	1.221
82	4	1	0	0	0	-1	-1	4	0	4.123	4.243	90.00	7.120	1.727
83	6	6	1	-1	1	0	0	-1	6	4.301	4.301	96.68	5.035	1.171
84	7	4	4	0	-1	1	4	-4	-3	4.528	4.528	83.66	5.035	1.112
85	8	3	3	0	-1	1	3	-4	-4	4.528	4.637	90.00	5.035	1.112
86	6	5	5	0	-1	1	5	-3	-3	4.637	4.743	90.00	5.035	1.086
87	6	6	5	-1	1	0	-2	-3	6	4.950	4.950	95.80	5.035	1.017
88	7	7	1	-1	1	0	0	-1	7	5.000	5.000	95.74	5.035	1.007
89	7	5	5	0	-1	1	5	-4	-3	5.000	5.000	84.26	5.035	1.007
90	4	3	0	0	0	-1	-3	4	0	5.000	5.099	90.00	7.120	1.424
91	5	1	0	0	0	-1	-1	5	0	5.099	5.196	90.00	7.120	1.396
92	5	2	0	0	0	-1	-2	5	0	5.385	5.477	90.00	7.120	1.322
93	5	3	0	0	0	-1	-3	5	0	5.831	5.916	90.00	7.120	1.221
94	6	1	0	0	0	-1	-1	6	0	6.083	6.164	90.00	7.120	1.171
95	5	4	0	0	0	-1	-4	5	0	6.403	6.481	90.00	7.120	1.112
96	7	1	0	0	0	-1	-1	7	0	7.071	7.141	90.00	7.120	1.007