

type	observed equivalent	condition	a	c	x(Si)
ideal alpha	Glinneman et al. (1992)	0 GPa	4.9494	5.3544	0.46988
ideal alpha	Glinneman et al. (1992)	4.0 GPa	4.8382	5.1670	0.45890
ideal alpha	Glinneman et al. (1992)	7.2 GPa	4.7676	5.0487	0.45308
ideal alpha	Glinneman et al. (1992)	10.2 GPa	4.7165	4.9616	0.44900
ideal alpha	Kihara (1990)	298 K	4.9425	5.3420	0.46896
ideal alpha	Kihara (1990)	398 K	4.9469	5.3523	0.46999
ideal alpha	Kihara (1990)	498 K	4.9530	5.3644	0.47105
ideal alpha	Kihara (1990)	597 K	4.9583	5.3778	0.47258
ideal alpha	Kihara (1990)	697 K	4.9658	5.3961	0.47476
ideal alpha	Kihara (1990)	773 K	4.9732	5.4133	0.47690
ideal alpha	Kihara (1990)	813 K	4.9790	5.4289	0.47927
ideal alpha	Kihara (1990)	838 K	4.9857	5.4465	0.48225
ideal beta	Kihara (1990)	848 K	4.9875	5.4767	0.5
ideal beta	Kihara (1990)	891 K	4.9880	5.4772	0.5
ideal beta	Kihara (1990)	920 K	4.9880	5.4772	0.5
ideal beta	Kihara (1990)	972 K	4.9881	5.4774	0.5
ideal beta	Kihara (1990)	1012 K	4.9866	5.4757	0.5
ideal beta	Kihara (1990)	1078 K	4.9868	5.4759	0.5
ideal alpha	Dera et al. (in prep)	0.59 GPa	4.9190	5.3019	0.46636
ideal alpha	Dera et al. (in prep)	4.87 GPa	4.8065	5.1203	0.45709
ideal alpha	Dera et al. (in prep)	8.51 GPa	4.7388	5.0098	0.45201
ideal alpha	Dera et al. (in prep)	11.53 GPa	4.6962	4.9318	0.44800
ideal alpha	Dera et al. (in prep)	14.04 GPa	4.6619	4.8739	0.44547
ideal alpha	Dera et al. (in prep)	17.09 GPa	4.6248	4.8161	0.44335
ideal alpha	Dera et al. (in prep)	20.05 GPa	4.6076	4.7728	0.44059
model alpha	Glinneman et al. (1992)	0 GPa	4.9210	5.4163	0.46982
model alpha	Glinneman et al. (1992)	4.0 GPa	4.7750	5.3046	0.45891
model alpha	Glinneman et al. (1992)	7.2 GPa	4.6764	5.2475	0.45319
model alpha	Glinneman et al. (1992)	10.2 GPa	4.6040	5.2070	0.44922
model alpha	Kihara (1990)	298 K	4.9137	5.4047	0.46890
model alpha	Kihara (1990)	398 K	4.9209	5.4091	0.46993
model alpha	Kihara (1990)	498 K	4.9297	5.4151	0.47099
model alpha	Kihara (1990)	597 K	4.9384	5.4213	0.47251
model alpha	Kihara (1990)	697 K	4.9509	5.4285	0.47471
model alpha	Kihara (1990)	773 K	4.9628	5.4360	0.47685
model alpha	Kihara (1990)	813 K	4.9728	5.4425	0.47924
model alpha	Kihara (1990)	838 K	4.9841	5.4500	0.48224
model alpha	Dera et al. (in prep)	0.59 GPa	4.8807	5.3855	0.46630
model alpha	Dera et al. (in prep)	4.87 GPa	4.7332	5.2800	0.45712
model alpha	Dera et al. (in prep)	8.51 GPa	4.6424	5.2198	0.45215
model alpha	Dera et al. (in prep)	11.53 GPa	4.5770	5.1920	0.44825
model alpha	Dera et al. (in prep)	14.04 GPa	4.5289	5.1643	0.44580
model alpha	Dera et al. (in prep)	17.09 GPa	4.4776	5.1379	0.44378
model alpha	Dera et al. (in prep)	20.05 GPa	4.4451	5.1283	0.44114

x(O)	y(O)	z(O)
0.41640	0.26843	-0.11845
0.41106	0.28773	-0.10001
0.40759	0.29764	-0.08992
0.40491	0.30444	-0.08270
0.41601	0.27009	-0.11692
0.41644	0.26824	-0.11863
0.41687	0.26634	-0.12037
0.41746	0.26358	-0.12287
0.41825	0.25960	-0.12644
0.41896	0.25569	-0.12990
0.41968	0.25129	-0.13374
0.42047	0.24573	-0.13852
0.42265	0.21132	-0.16667
0.42265	0.21132	-0.16667
0.42265	0.21132	-0.16667
0.42265	0.21132	-0.16667
0.42265	0.21132	-0.16667
0.42265	0.21132	-0.16667
0.41486	0.27471	-0.11261
0.41003	0.29084	-0.09690
0.40691	0.29943	-0.08805
0.40421	0.30610	-0.08091
0.40240	0.31027	-0.07632
0.40083	0.31372	-0.07244
0.39870	0.31816	-0.06733
0.41637	0.26855	-0.11834
0.41107	0.28771	-0.10003
0.40766	0.29745	-0.09011
0.40505	0.30408	-0.08309
0.41599	0.27019	-0.11683
0.41642	0.26835	-0.11853
0.41685	0.26645	-0.12027
0.41744	0.26369	-0.12277
0.41823	0.25971	-0.12635
0.41895	0.25578	-0.12983
0.41967	0.25136	-0.13369
0.42047	0.24576	-0.13851
0.41484	0.27481	-0.11252
0.41005	0.29078	-0.09696
0.40700	0.29920	-0.08829
0.40439	0.30569	-0.08136
0.40265	0.30972	-0.07693
0.40115	0.31302	-0.07323
0.39913	0.31728	-0.06836