

Elastic constants (C_{ij}) of olivine aggregates at 5GPa, 1573K

i	j=1	j=2	j=3	j=4	j=5	j=6
<i>A-type fabric (MIT23)</i>						
1	236.3	84.5	81.5	0.4	3.4	0.3
2		218.5	82.9	-1.8	1.2	0.3
3			208.0	-1.3	6.1	0.2
4				64.9	-0.1	-1.9
5					68.7	0.3
6						66.6
<i>B-type fabric (GA29)</i>						
1	221.3	84.3	83.3	-0.3	0.8	1.6
2		223.5	81.7	-1.4	1.0	1.6
3			215.5	-1.3	1.1	-0.4
4				68.9	0.7	-0.4
5					67.4	-0.4
6						69.4
<i>C-type fabric (GA39)</i>						
1	223.2	83.6	83.3	0.3	-3.7	0.3
2		209.8	81.9	0.8	1.5	0.3
3			228.5	0.4	-5.9	0.2
4				67.9	0.2	-1.9
5					71.1	0.3
6						66.6
<i>E-type fabric (GA38)</i>						
1	236.8	82.3	84.1	-0.6	0.4	0.1
2		207.7	82.7	-2.6	-0.3	-1.0
3			217.4	-2.1	-1.9	-0.7
4				65.0	0.1	0.4
5					71.1	-1.4
6						68.5

Reference axes defined as 1: shear direction, 3: shear plane normal, and 2: perpendicular to both 1 and 3 directions.