

Table S2 Principal component (PC) loadings for each measuring point

	PC1	PC2	PC3	PC4	PC5	PC6
Breaking_Pt1	0.50232	-0.00275	0.027314	0.405215	0.668081	0.369311
Breaking_Pt2	0.503245	0.014762	0.026722	-0.35848	-0.49794	0.607748
Cryst_Pt1	0.49832	-0.0017	0.141474	0.551806	-0.45671	-0.46753
Cryst_Pt2	0.495461	0.03914	-0.19087	-0.60138	0.288361	-0.52129
Melt_Pt1	0.015301	-0.70722	0.680358	-0.16348	0.085537	-0.05175
Melt_Pt2	0.019517	-0.70575	-0.69225	0.120064	-0.08164	0.035351