

Table 1

Change of selected parameters with pressure (4.3 kbar)

	$(\Delta\sigma_{III}/\sigma_{III})$	ϵ_o	$\Delta K/K$	$\Delta\gamma/\gamma$	$\Delta(d/b)/(d/b)$
NaCl	-0.50 ± 0.10	0.33	0.070	0.146	≈ -0.076
KCl	-0.11 ± 0.05	0.34	0.067	0.205	≈ -0.14
KI	0 ± 0.05	0.35	0.124	0.295	≈ -0.17

of this expectation (see Table 1). To improve the correlation of the observations with the simple model of I, therefore we would have to require, for example, that ϵ_o be substantially less (by $\approx 1/2$ in KI) in the materials of greater ionic polarizability; while this does not appear in Fontaine's stacking fault theory (2), it does not seem unreasonable.

References

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