

## $\underline{\mathbf{Material\ Properties}:}$

B0 = 8.000e + 03CR = 1.000e + 00 $\mathbf{FSLOPE} = \mathbf{5.774e} - \mathbf{02}$  $FSLOPE_{\mathbf{p}} = 5.774e - 02$ G0 = 3.750e + 03P0 = -1.837e + 03P1 = 6.667e - 04P3 = 5.000e - 01P4 = 0.000e + 00PEAKI1 = 6.124e + 02 $P_{f0} = 0.000e + 00$ T1 = 0.000e + 00T2 = 0.000e + 00 $fluid_{\mathbf{B0}} = 0.000e + 00$  $gruneisen_{parameter} = 0.000e + 00$  $hardening_{constant} = 0.000e + 00$  $hardening_{modulus} = 0.000e + 00$ subcycling char num = 100.0