

## Material Properties:

B0 = 1.000e + 04CR = 1.000e + 00 $\mathbf{FSLOPE} = 5.774e - \mathbf{02}$  $\mathrm{FSLOPE_p} = 5.774\mathrm{e} - 02$ 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 $fluid_{\mathbf{B0}} = 0.000e + 00$  $gruneisen_{parameter} = 0.000e + 00$  $hardening_{constant} = 0.000e + 00$  $hardening_{modulus} = 4.000e + 02$ subcycling char num = 100.0