

## ${\bf Material\ Properties:}$

B0 = 7.900e + 10CR = 1.000e + 00FSLOPE = 1.000e - 10 $\mathbf{FSLOPE_p} = 1.000e - 10$ G0 = 7.000e + 10P0 = -1.000e + 99P1 = -1.000e + 99P3 = 5.000e - 01P4 = 0.000e + 00 $\mathbf{PEAKI1} = 1.650e + 18$  $P_{f0} = 0.000e + 00$ 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 = 10.0