```
# Material types
# Number of material types
9
# Type ,P and SVelocity, Density, PML ,  Delta T , Number of GLL, Viscosity Q, Reference frequency, Nonlinear Soil Number
1   1500    130     2050    F       0.00005         9       75.     15.    1.      1
2   1500    200     2150    F       0.00005         9       75.     20.    1.      1
3   1650    300     2075    F       0.00005         9       83.     30.    1.      1
4   2050    450     2100    F       0.00005         9       103.    40.    1.      1
5   2450    600     2155    F       0.00005         9       123.    60.    1.      1
6   2550    700     2200    F       0.00005         9       140.    70.    1.      1
7   3500    1250    2500    F       0.00005         9       200.    100.   1.      1
8   4500    2600    2600    F       0.00005         9       50000.  50000. 1.      1
9   4500    2600    2600    T       0.00005         9       50000.  50000. 1.      1
# For PML specify
# np-power,A-power, Left-increase
    2       10              F
# For PRESSURE-DEPENDENT condition, specify
# Domain number, Liquefiability, Overburden soil type
1           F               2
2           F               2
3           F               2
4           F               2
5           F               2
6           F               2
7           F               2
8           F               2
9           F               2
```