

Mechanical Properties of Molybdenum

Property	Figure
Modulus of Elasticity/Gpa	
Wire	285 ~ 300
Modulus of Rigidity/Gpa	120
Vickers Hardness HV	
Deformation < 1.0mm sheet	2453 ~ 3139
Deformation > 1.0mm sheet	2207 ~ 2453
Recrystallization	1766 ~ 1962
Tensile Strength/MPa	
Deformation < 1.0mm sheet	589 ~ 1079
Deformation > 1.0mm sheet	706 ~ 2433
Recrystallization	589 ~ 883