

Physical Properties of Maraging Steel

General physical properties	Test standard	Unit	Numerical value
Density		g/cm ³	≥8.00
Heat Data (XY direction)			
Tensile Strength	ISO6892-1	MPa	1150 ± 100
Yield Strength	ISO6892-1	MPa	1050 ± 100
Elongation at Break	ISO6892-1	%	12 ± 3
Hardness	ISO6507-1/ISO6508-1	HV/HRC	35 ± 3HRC
Mechanical Data (XY direction)			
Tensile Strength	ISO6892-1	MPa	1950 ± 100
Yield Strength	ISO6892-1	MPa	1950 ± 100
Elongation at Break	ISO6892-1	%	4 ± 2
Hardness	ISO6507-1/ISO6508-1	HV/HRC	53 ± 3HRC