

Material: SAE 1010

Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Sheets and Tubing

Group: Ferrous Mild Steel Alloys

Sub Group: SAE 1010 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Sheets and Tubing

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry: *Sheet and Tubing*

Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	320 - 653.3
Yield Strength in Mpa	180 min.
Elongation in %	20 min.
Reduction of Area in %	40 - 50
Hardness in HB	95 - 105
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10100	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1010	AISI	USA	Tubing
A 1040 1010	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 108 Grade 1010	ASTM	USA	Bar and Sheet
A 29 1010	ASTM	USA	Bar
A 29 M1010	ASTM	USA	Bar
A 510 1010	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing

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