

Material: SAE 1029

Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Bars, To Wire Rods, Plates, Strip, Sheets and Tubing

Group: Ferrous Mild Steel Alloys

Sub Group: SAE 1029 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Bars, Wire Rods, Plates, Strip, Sheets and Tubing

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

Grade Belongs to the Industry: Bars, Wire Rods, Plates, Strip, Sheets and Tubing

Chemical Composition			Heat Treatment
Carbon	C %	0.250 - 0.310	As Raw or Annealing or Normalizing or Hardening and Tempering
Manganese	Mn %	0.600 - 0.900	
Phosphorus	P %	0.030 max.	
Sulphur	S %	0.050 max.	
Boron	B %	0.0005 - 0.003	
Chromium	Cr %	0.150 max.	
Copper	Cu %	0.200 max.	
Molybdenum	Mo %	0.006 min.	
Nickel	Ni %	0.200 min.	
Lead	Pb %	0.150 - 0.350	
Iron	Fe %	Balance	Mechanical Properties
-	-	-	
-	-	-	
-	-	-	
-	-	-	

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10290	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1029	AISI	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 1040 1029	ASTM	USA	Steel
A 29 1029	ASTM	USA	Steel
A 510 1029	ASTM	USA	Wire Rod and Round Wire
A 576 10L29	ASTM	USA	Steel and Bar
SA-29 1029	ASME	USA	Steel and Bar

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Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India