

Material: AISI 1009

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

Group: Ferrous Mild Steel Alloys

Sub Group: AISI 1009 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 %	0.150 max.	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.600 max.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.030 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	-
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in HB	262 max.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10090	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1009	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 1040 1009	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 827 1009	ASTM	USA	Forging
A 830 1009	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 830 G10090	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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