

Material: ASTM A 830 G10550

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

Group: Ferrous Mild Steel Alloys

Sub Group: ASTM A 830 G10550 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Plate and Steel

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

Grade Belongs to the Industry: Plate and Steel

Chemical Composition			Heat Treatment	
Carbon	C %	0.500 - 0.600	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.600 - 0.900		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.040 max.		
Silicon	Si %	0.150 - 0.400		
Iron	Fe %	Balance		
-	-	-		
-	-	-	Mechanical Properties Tensile Strength in Mpa 650 - 660 Yield Strength in Mpa 360 min. Elongation in % 10 min. Reduction of Area in % 30 - 40 Hardness in HB 192 - 197 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10550	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1055	SAE	USA	Strip and Steel
1055	AISI	USA	Steel and Bar
A 713 Grade 1055	ASTM	USA	Wire
A 684 Grade 1055	ASTM	USA	Strip and Steel
A 713 G10550	ASTM	USA	Steel and Wire
A 682 G10550	ASTM	USA	Strip and Steel

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