

Material: SAE J403 | SAE J1397 UNS G10740 - Hot Rolled

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

Group: Ferrous Mild Steel Alloys

Sub Group: SAE J403 | SAE J1397 UNS G10740 - Hot Rolled Carbon Steel Compositions For Forging To Hot-Rolled 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 %	0.650 - 0.750	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.600 - 0.900		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.030 max.		
Silicon	Si %	0.150 - 0.400		
Iron	Fe %	Balance		
-	-	-		
-	-	-	Mechanical Properties Tensile Strength in Mpa 650 - 720 Yield Strength in Mpa 400 min. Elongation in % 10 min. Reduction of Area in % 30 - 45 Hardness in HB 192 - 217 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1074	SAE	USA	Steel
1074	SAE	USA	Steel and Bar
A 1040 1074	ASTM	USA	Steel
A 29 1074	ASTM	USA	Steel and Bar
A 510 1074	ASTM	USA	Steel
A 682 G10740	ASTM	USA	Steel and Strip
A 682 Grade 1074	ASTM	USA	Steel and Strip

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