

Material: UNS N07722

Standard Specification for Nickel Alloy, Corrosion and Heat Resistant, Sheet and Strip

Group: Non-Ferrous Nickel Alloys

Sub Group: UNS N07722 Nickel Alloy, Corrosion and Heat Resistant, Sheet and Strip

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

Grade Belongs to the Industry: Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.080 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.070 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	14.000 - 17.000		
Copper	Cu %	0.500 max.		
Iron	Fe %	5.000 - 9.000		
Sulphur	S %	0.010 max.		
Titanium	Ti %	2.000 - 2.750		
Aluminium	Al %	0.400 - 1.000		
Nickel	Ni %	70.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 862 min. Yield Strength in Mpa 565 min. Elongation in % 15 min. Reduction of Area in % 15 min. Hardness in HRC 23 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Inconel 722	SAE	USA	Sheet 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