

Material: DIN 2.4733

Standard Specification for Strips and Sheets of Nickel and Nickel Alloys

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4733 Strips and Sheets of Nickel and Nickel Alloys

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

Grade Belongs to the Industry: Strip and Sheet

Chemical Composition			Chemical Composition		
Carbon	C %	0.050 - 0.150	Nickel	Ni %	Balance
Silicon	Si %	0.250 - 0.750	-	-	-
Manganese	Mn %	0.300 - 1.000	-	-	-
Chromium	Cr %	20.000 - 24.000	-	-	-
Cobalt	Co %	5.000 max.	-	-	-
Aluminium	Al %	0.200 - 0.500	Heat Treatment		
Copper	Cu %	0.500 max.	As-Cast or Annealing or Age Hardning		
Molybdenum	Mo %	1.000 - 3.000	Mechanical Properties		
Iron	Fe %	3.000 max.	Tensile Strength in Mpa	760 min.	
Phosphorus	P %	0.020 max.	Yield Strength in Mpa	310 min.	
Sulphur	S %	0.015 max.	Elongation in %	35 min.	
Boron	B %	0.015 max.	Reduction of Area in %	-	
Lanthanum	La %	0.005 - 0.050	Hardness in BHN	-	
Titanium	Ti %	0.100 max.	Impact in Joule	-	
Tungsten	W %	13.000 - 15.000			

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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