

Material: DIN 2.4858

Standard Specification for Strips and Sheets of Nickel and Nickel Alloys

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4858 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		
Carbon	C %	0.025 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	19.500 - 23.500
Copper	Cu %	1.500 - 3.000
Cobalt	Co %	1.000 max.
Aluminium	Al %	0.200 max.
Molybdenum	Mo %	2.500 - 3.500
Phosphorus	P %	0.020 max.
Sulphur	S %	0.010 max.
Titanium	Ti %	0.600 - 1.200
Nickel	Ni %	38.000 - 46.000
Iron	Fe %	Balance
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	500 - 750
Yield Strength in Mpa	220 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HB	210 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiCr21Mo	DIN	Germany	Strip and Sheet
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India