



Material - DIN 2.4619

Standard Specification for Nickel Base Alloy Plate, Sheet, Strip, Wire, Tube, Rod and Bars

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4619 Nickel Base Alloy Plate, Sheet, Strip, Wire, Tube, Rod and Bars

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

Grade Belongs to the Industry - Plate, Sheet, Strip, Wire, Tube, Rod and Bars

Chemical Composition			Heat Treatment	
Carbon	C %	0.015 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	21.000 - 23.500		
Molybdenum	Mo %	6.000 - 8.000		
Cobalt	Co %	5.000 max.		
Copper	Cu %	1.500 - 2.500		
Iron	Fe %	18.000 - 21.000		
Phosphorus	P %	0.025 max.		
Sulphur	S %	0.015 max.		
Nb + Ta	Ni% + Co%	0.500 max.	Mechanical Properties	
Tungsten	W %	1.500 max.	Tensile Strength in Mpa	585 min.
Nickel	Ni %	Balance	Yield Strength in Mpa	205 min.
-	-	-	Elongation in %	35 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	240 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiCr22Mo7Cu	DIN	Germany	Plate, Sheet, Strip, Wire, Tube, Rod and Bars
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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