



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN 2.4668

Standard Specification for Strips and Sheets of Nickel and Nickel Alloys

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4668 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			Heat Treatment	
Carbon	C %	0.020 - 0.080	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.350 max.		
Manganese	Mn %	0.350 max.		
Chromium	Cr %	17.000 - 21.000		
Cobalt	Co %	1.000 max.		
Copper	Cu %	0.300 max.		
Molybdenum	Mo %	2.800 - 3.300		
Aluminium	Al %	0.300 - 0.700		
Boron	B %	0.006 max.		
Nickel	Ni %	50.000 - 55.000		
Phosphorus	P %	0.015 max.	Mechanical Properties	
Sulphur	S %	0.015 max.	Tensile Strength in Mpa	800 min.
Titanium	Ti %	0.600 - 1.200	Yield Strength in Mpa	1030 min.
Iron	Fe %	Balance	Elongation in %	10 min.
-	-	-	Reduction of Area in %	8 min.
			Hardness in HB	330 min.
			Impact in Joule	12 @RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	0
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS