



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN 2.4617

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

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4617 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 %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	1.000 max.		
Molybdenum	Mo %	26.000 - 30.000		
Cobalt	Co %	1.000 max.		
Copper	Cu %	0.500 max.		
Iron	Fe %	2.000 max.		
Phosphorus	P %	0.025 max.		
Sulphur	S %	0.015 max.		
Nickel	Ni %	Balance	Mechanical Properties Tensile Strength in Mpa 745 - 1000 Yield Strength in Mpa 370 min. Elongation in % 35 min. Reduction of Area in % - Hardness in HB 250 max. Impact in Joule 120 @ RT	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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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