



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN H-Ni99,96

Standard Specification for Refined Nickel Alloy Castings

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN H-Ni99,96 Refined Nickel Alloy Castings

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

Grade Belongs to the Industry - Casting

Chemical Composition			Chemical Composition		
Carbon	C %	0.015 max.	Tellurium	Te %	0.0001 max.
Manganese	Mn %	0.0005 max.	Titanium	Ti %	0.0001 max.
Phosphorus	P %	0.001 max.	Zirconium	Zr %	0.001 max.
Cobalt	Co %	0.010 max.	Ni + Co	Ni% + Co%	99.960 min.
Copper	Cu %	0.005 max.	-	-	-
Iron	Fe %	0.020 max.	Heat Treatment		
sulphur	S %	0.0015 max.	As-Cast or Annealing or Age Hardning		
Silver	Ag %	0.0005 max.	Mechanical Properties		
Arsenic	As %	0.001 max.	Tensile Strength in Mpa	-	
Bismuth	Bi %	0.0001 max.	Yield Strength in Mpa	-	
Lead	Pb %	0.0005 max.	Elongation in %	-	
Antimony	Sb %	0.0001 max.	Reduction of Area in %	-	
Selenium	Se %	0.0002 max.	Hardness in BHN	-	
Tin	Sn %	0.0001 max.	Impact in Joule	-	
Tantalum	Ta %	0.0005 max.			

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4011	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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.

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