



Material - DIN 2.4011

Standard Specification for Refined Nickel Alloy Castings

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4011 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
H-Ni99,96	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

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