



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ISO Ni 9990

Standard Specification for Refined Nickel Alloy Castings

Group - Non-Ferrous Nickel Alloys

Sub Group - ISO Ni 9990 Refined Nickel Alloy Castings

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment			
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning			
Cobalt	Co %	0.500 max.				
Copper	Cu %	0.030 max.				
Bismuth	Bi %	0.002 max.				
Iron	Fe %	0.030 max.				
sulphur	S %	0.030 max.				
Lead	Pb %	0.005 max.				
Antimony	Sb %	0.002 max.				
Ni + Co	Ni% + Co%	99.900 min.				
-	-	-				
-	-	-	<th colspan="2">Mechanical Properties</th>		Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-		
-	-	-	Yield Strength in Mpa	-		
-	-	-	Elongation in %	-		
-	-	-	Reduction of Area in %	-		
-	-	-	Hardness in BHN	-		
-	-	-	Impact in Joule	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4021	DIN	Germany	Casting
H-Ni99,90	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.

ONE STOP SOLUTION FOR METAL PARTS