



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN Ni99,7Mg0,05

Standard Specification for Nickel and Nickel Alloy Castings

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN Ni99,7Mg0,05 Nickel and 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 %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.010 max.		
Manganese	Mn %	0.010 max.		
Copper	Cu %	0.030 max.		
Iron	Fe %	0.070 max.		
Magnesium	Mg %	0.040 - 0.060		
Sulphur	S %	0.005 max.		
Ni + Co	Ni% + Co%	99.700 min.		
-	-	-		
Mechanical Properties				
Tensile Strength in Mpa			345 min.	
Yield Strength in Mpa			70 min.	
Elongation in %			40 min.	
Reduction of Area in %			-	
Hardness in BHN			-	
Impact in Joule			-	

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4052	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