

Material: DIN 2.4368

Standard Specification for Nickel and Nickel-Copper Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN 2.4368 Nickel and Nickel-Copper Alloy Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.250 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	3.500 - 4.500		
Manganese	Mn %	0.500 - 1.500		
Copper	Cu %	27.000 - 31.000		
Iron	Fe %	1.000 - 2.500		
Aluminium	Al %	0.500 max.		
Magnesium	Mg %	0.120 max.		
sulphur	S %	0.010 max.		
Phosphorus	P %	0.010 max.		
Titanium	Ti %	0.200 max.		
Other	Ot%	1.000 max.		
Ni + Co	Ni% + Co%	61.000 - 68.000	Mechanical Properties Tensile Strength in Mpa 750 min. Yield Strength in Mpa 500 min. Elongation in % 1 min. Reduction of Area in % - Hardness in HB 260 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G-NiCu30Si4	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com