



Material - DIN 2.4642

Standard Specification for Nickel and Chromium Alloy Casting

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4642 Nickel and Chromium 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 %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	27.000 - 31.000		
Aluminium	Al %	0.500 max.		
Copper	Cu %	0.500 max.		
Iron	Fe %	7.000 - 11.000		
Phosphorus	P %	0.020 max.		
Sulphur	S %	0.015 max.		
Nickel	Ni %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 590 min. Yield Strength in Mpa 240 min. Elongation in % 30 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
NiCr29Fe	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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