



Material - DIN 2.4116

Standard Specification for Nickel and Nickel Alloys Wires

Group - Non-Ferrous Nickel Alloys

Sub Group - DIN 2.4116 Nickel and Nickel Alloys Wires

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

Grade Belongs to the Industry - Wire

Chemical Composition			Heat Treatment			
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning			
Silicon	Si %	0.150 max.				
Manganese	Mn %	4.250 - 5.250				
Copper	Cu %	0.250 max.				
Iron	Fe %	0.350 max.				
Magnesium	Mg %	0.150 max.				
Sulphur	S %	0.010 max.				
Titanium	Ti %	0.100 max.				
Ni + Co	Ni% + Co%	94.000 min.				
-	-	-				
-	-	-	<th colspan="2">Mechanical Properties</th>		Mechanical Properties	
-	-	-	Tensile Strength in Mpa	500 min.		
-	-	-	Yield Strength in Mpa	-		
-	-	-	Elongation in %	15 min.		
-	-	-	Reduction of Area in %	-		
-	-	-	Hardness in BHN	-		
-	-	-	Impact in Joule	-		

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

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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