



Material - UNS N02100

Standard Specification for Castings, Nickel and Nickel Alloy

Group - Non-Ferrous Nickel Alloys

Sub Group - UNS N02100 Castings, Nickel and Nickel Alloy

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	1.000 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	2.000 max.		
Manganese	Mn %	1.500 max.		
Copper	Cu %	1.250 max.		
Iron	Fe %	3.000 max.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-	Mechanical Properties Tensile Strength in Mpa 345 min. Yield Strength in Mpa 125 min. Elongation in % 10 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A 494 CZ100	ASTM	USA	Casting
A 494 N02100	ASTM	USA	Casting
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-	-	-	-
-	-	-	-
-	-	-	-
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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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