

Material - ASTM A 494 CZ100

Standard Specification for Castings, Nickel and Nickel Alloy

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM A 494 CZ100 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.		
Phosphorus	P %	0.030 max.		
Sulphur	S %	0.020 max.		
Copper	Cu %	1.250 max.		
Iron	Fe %	3.000 max.		
Nickel	Ni %	95.000 min.		
-	-	-	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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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A 494 N02100	ASTM	USA	Casting
N02100	UNS	USA	Casting
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For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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