



Material - UNS N06693

Standard Specification for Nickel and Nickel-Related Alloys

Group - Non-Ferrous Nickel Alloys

Sub Group - UNS N06693 Nickel and Nickel-Related Alloys

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

Grade Belongs to the Industry - Sheet

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	27.000 - 31.000		
Aluminium	Al %	2.500 - 4.000		
Niobium	Nb %	0.500 - 2.500		
Titanium	Ti %	1.000 max.		
Iron	Fe %	2.500 - 6.000		
Nickel	Ni %	Balance	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 345 min. Elongation in % 30 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
Inconel 693	Gravity	India	Sheet
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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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