

Material: IS 2782 Grade 1

Standard Specification for Nickel and Nickel Alloy Castings

Group: Non-Ferrous Nickel Alloys

Sub Group: IS 2782 Grade 1 Nickel and Nickel Alloy Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	As-Cast or Annealing or Age Hardning	
Sulphur	S %	0.005 max.		
Iron	Fe %	0.030 max.		
Copper	Cu %	0.030 max.		
Antimony	Sb %	0.001 max.		
Bismuth	Bi %	0.001 max.		
Lead	Pb %	0.003 max.		
Nickel	Ni %	99.600 min.		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	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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