

Standard Specification for Nickel and Nickel Alloy Castings

Sub Group: *IS 2391 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	
Cobalt	Co %	0.500 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	4.500 - 6.000		
Iron	Fe %	3.000 max.		
Sulphur	S %	0.100 max.		
Nickel	Ni %	90.000 - 92.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

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