

# Material: IS 2782 Grade 2

## Standard Specification for Nickel and Nickel Alloy Castings

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** IS 2782 Grade 2 Nickel and Nickel Alloy Castings

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

**Grade Belongs to the Industry:** Casting

Chemical Composition		
Carbon	C %	0.100 max.
Sulphur	S %	0.020 max.
Iron	Fe %	0.200 max.
Copper	Cu %	0.050 max.
Antimony	Sb %	0.005 max.
Bismuth	Bi %	0.005 max.
Lead	Pb %	0.005 max.
Other	Ot %	0.100 max.
Nickel	Ni %	99.500 max.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As-Cast or Annealing or Age Hardning	

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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