

# Material: IS 2283 NS-10

## Standard Specification for Nickel Silver Sheet, Strip

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 2283 Nickel Silver Sheet, Strip

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

**Belongs to the Industry:** Sheet, Strip

Chemical Composition		
Iron	Fe %	0.250 max.
Lead	Pb %	0.040 max.
Manganese	Mn %	0.500 max.
Nickel	Ni %	9.000 - 11.000
Copper	Cu %	60.000 - 65.000
Other	Ot%	0.500 max.
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing or Half Hardening or Three Quarter Hardening or Hardening or Extra Hardening

Mechanical Properties	
Tensile Strength in Mpa	350 min.
Yield Strength in Mpa	-
Elongation in %	45 min
Reduction of Area in %	-
Hardness in HV	100 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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