

Material: IS 2283 NS-18

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			Heat Treatment	
Iron	Fe %	0.250 max.	Annealing or Half Hardening or Three Quarter Hardening or Hardening or Extra Hardening	
Lead	Pb %	0.040 max.		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	17.000 - 19.000		
Copper	Cu %	60.000 - 65.000		
Other	Ot%	0.500 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 400 min. Yield Strength in Mpa - Elongation in % 40 min. Reduction of Area in % - Hardness in HV 110 max. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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Customer Care: +91-99090 45075 Email: info@icastllp.com