



**GRAVITY CAST PVT. LTD.**  
**GRAVITY GROUP OF COMPANIES**

## 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		
-	-	-	<b>Mechanical Properties</b> 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      -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

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

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

**ONE STOP SOLUTION FOR METAL PARTS**