

Material: IS 10757 CuNi18Zn20

Standard Specification for Nickel Silver Rods and Bars

Group: Non-Ferrous Copper Alloy

Sub Group: IS 10757 Nickel Silver Rods and Bars

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

Belongs to the Industry: Rod and Bar

Chemical Composition			Heat Treatment	
Lead	Pb %	0.030 max.	Hardening or Annealing	
Iron	Fe %	0.300 max.		
Manganese	Mn %	0.700 max.		
Nickel	Ni %	17.000 - 19.000		
Other	Ot%	0.300 max.		
Copper	Cu %	60.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 415 min. Yield Strength in Mpa - Elongation in % 8 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
P-CuNi18Zn20	UNI	Italy	Rod and Bar
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