

# Material: IS 10757 CuNi10Zn42Pb2

## 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 %	1.000 - 2.500	Hardening or Annealing	
Iron	Fe %	0.500 max.		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	9.000 - 11.000		
Other	Ot%	0.500 max.		
Copper	Cu %	44.000 - 48.000		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b>	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	
			415 min.	
			Yield Strength in Mpa	
			-	
			Elongation in %	
			8 min.	
			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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