

Material: IS 613

Standard Specification for Copper Rods and Bars for Electrical Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 613 Copper Rods and Bars for Electrical Purposes

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 %	0.005 max.	Annealing or Half Hardening or Hardening	
Oxygen	O %	0.045 max.		
Copper + Silver	Cu% + Ag%	99.90 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	230 max.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	32 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	60 max.
-	-	-	Impact in Joule	-

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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com