

Material: IS 4170 CuZn30

Standard Specification for Brass Rods for General Engineering Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 4170 Brass Rods for General Engineering Purposes

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

Belongs to the Industry: Rod

Chemical Composition			Heat Treatment	
Lead	Pb %	0.030 max.	As Raw or Annealing	
Iron	Fe %	0.050 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	68.000 - 72.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	28 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	50 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	90 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn37	IS	India	Strip and Foil
CZ 106	BS	British	Sheet, Strip and Foil
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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