

Material: IS 10569 CuAl10Fe3

Standard Specification for Aluminium Bronze Rods, Bars and Sections

Group: Non-Ferrous Copper Alloy

Sub Group: IS 10569 Aluminium Bronze Rods, Bars and Sections

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

Belongs to the Industry: Rod, Bar and Section

Chemical Composition			Heat Treatment	
Lead	Pb %	0.050 max.	As Raw or Annealing	
Tin	Sn %	0.100 max.		
Silicon	Si %	0.100 max.		
Magnesium	Mg %	0.050 max.		
Zinc	Zn %	0.400 max.		
Manganese	Mn %	0.500 max.		
Iron + Nickel	Fe% + Ni%	4.000 max.		
Aluminium	Al %	8.500 - 10.000		
Other	Ot%	0.500 max.		
Copper	Cu %	Balance	Mechanical Properties Tensile Strength in Mpa 600 min. Yield Strength in Mpa 230 min. Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - 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