

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		
Lead	Pb %	0.050 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As Raw or Annealing	

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
-	-	-	-
-	-	-	-
-	-	-	-
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