

Material: IS 6912 10% Al Bronze FAB3

Standard Specification for Copper and Copper Alloy Forging Stock and Forgings

Group: Non-Ferrous Copper Alloy

Sub Group: IS 6912 Copper and Copper Alloy Forging Stock and Forgings

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

Belongs to the Industry: Forging

Chemical Composition			Heat Treatment	
Lead	Pb %	0.050 max.	As Raw	
Tin	Sn %	0.100 max.		
Manganese	Mn %	0.500 max.		
Magnesium	Mg %	0.050 max.		
Nickel	Ni %	4.000 - 6.000		
Iron	Fe %	4.000 - 6.000		
Silicon	Si %	0.100 max.		
Zinc	Zn %	0.400 max.		
Other	Ot%	0.500 max.		
Aluminium	Al %	8.500 - 11.000		
Copper	Cu %	Balance	Mechanical Properties Tensile Strength in Mpa 630 min. Yield Strength in Mpa - Elongation in % 30 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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