

Material: BSI BS1400 AB1 CuAl10Fe3

Standard Specification for Copper Alloy and High Conductivity Conductivity Copper Casting

Group: Non-Ferrous Copper Alloy

Sub Group: BSI BS1400 Copper Alloy and High Conductivity Conductivity Copper Casting

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

Belongs to the Industry: Casting (Sand, Chill, Continuous & Centrifugal) and Ingot

Chemical Composition			Heat Treatment	
Tin	Sn %	0.100 max.	As-Cast	
Zinc	Zn %	0.500 max.		
Lead	Pb %	0.030 max.		
Nickel	Ni %	1.000 max.		
Iron	Fe %	1.500 - 3.500		
Aluminium	Al %	8.500 - 10.500		
Manganese	Mn %	1.000 max.		
Silicon	Si %	0.200 max.		
Magnesium	Mg %	0.050 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	Balance	Mechanical Properties Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - 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
952C	AS	Australia	Ingot and Casting
C95210	AS	Australia	Ingot and Casting
CuAl10Fe3	ISO	International	Rod and Bar
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