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		
Tin	Sn %	0.100 max.
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
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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

Customer Care: +91-99090 45075 Email: info@icastllp.com