

Material: BSI BS1400 LB4 CuSn5Pb9

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

Chemical Composition			Heat Treatment	
Tin	Sn %	4.000 - 6.000	As-Cast	
Zinc	Zn %	2.000 max.		
Lead	Pb %	8.000 - 10.000		
Phosphorus	P %	0.100 max.		
Nickel	Ni %	2.000 max.		
Iron	Fe %	0.250 max.		
Aluminium	Al %	0.010 max.		
Manganese	Mn %	0.200 max.		
Antimony	Sb %	0.500 max.		
Silicon	Si %	0.020 max.		
Sulphur	S %	0.100 max.	Mechanical Properties	
Other	Ot%	0.500 max.	Tensile Strength in Mpa	160 min.
Copper	Cu %	Balance	Yield Strength in Mpa	60 min.
-	-	-	Elongation in %	7 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
935B	AS	Australia	Ingot and Casting
C93500	AS	Australia	Ingot and Casting
CuPb9Sn5	ISO	International	Casting
-	-	-	-
-	-	-	-
-	-	-	-
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