

Material: BSI BS1400 LPB1 CuSn7PbP

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		
Tin	Sn %	6.500 - 8.500
Zinc	Zn %	2.000 max.
Lead	Pb %	2.000 - 5.000
Phosphorus	P %	0.300 min.
Nickel	Ni %	1.000 max.
Antimony	Sb %	0.250 max.
Sulphur	S %	0.100 max.
Other	Ot%	0.500 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	As-Cast

Mechanical Properties	
Tensile Strength in Mpa	190 min.
Yield Strength in Mpa	80 min.
Elongation in %	3 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuSn8Pb2	ISO	International	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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