

Material: BSI BS1400 PB4 CuSn10PbP

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 %	9.500 - 11.000
Zinc	Zn %	0.500 max.
Lead	Pb %	0.750 max.
Phosphorus	P %	0.400 - 1.000
Nickel	Ni %	0.500 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	100 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
-	-	-	-
-	-	-	-
-	-	-	-
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