

Material: BSI BS1400 LG2 CuSn5Pb5Zn5

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 %	4.000 - 6.000		
Lead	Pb %	4.000 - 6.000		
Nickel	Ni %	2.000 max.		
Aluminium	Al %	0.010 max.		
Fe + As + Sb	Fe+As+Sb	0.500 max.		
Silicon	Si %	0.020 max.		
Bismuth	Bi %	0.050 max.		
Other	Ot%	0.800 max.		
Copper	Cu %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	200 min.
-	-	-	Yield Strength in Mpa	100 min.
-	-	-	Elongation in %	13 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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