

Material: BSI BS1400 LG4 CuSn7Pb3Zn3

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 %	6.000 - 8.000	As-Cast	
Zinc	Zn %	1.500 - 3.000		
Lead	Pb %	2.500 - 3.500		
Nickel	Ni %	2.000 max.		
Iron	Fe %	0.200 max.		
Aluminium	Al %	0.010 max.		
Antimony	Sb %	0.250 max.		
Arsenic	As %	0.150 max.		
Fe + As + Sb	Fe+As+Sb	0.400 max.		
Silicon	Si %	0.010 max.	Mechanical Properties	
Bismuth	Bi %	0.050 max.	Tensile Strength in Mpa	250 min.
Other	Ot%	0.700 max.	Yield Strength in Mpa	130 min.
Copper	Cu %	Balance	Elongation in %	16 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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