



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 -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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