

Material: BSI BS1400 LB 5 CuPb20Sn5

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: Ingot and Casting

Chemical Composition			Heat Treatment	
Tin	Sn %	4.000 - 6.000	As-Cast	
Zinc	Zn %	1.000 max.		
Lead	Pb %	18.000 - 23.000		
Phosphorus	P %	0.100 max.		
Nickel	Ni %	2.000 max.		
Antimony	Sb %	0.500 max.		
Silicon	Si %	0.010 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	Balance	Mechanical Properties Tensile Strength in Mpa 160 min. Yield Strength in Mpa 60 min. Elongation in % 5 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
941C	AS	Australia	Ingot and Casting
C94100	AS	Australia	Ingot and Casting
CuPb20Sn5	ISO	International	Ingot and Casting
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