

Material: BSI BS1400 SCB3 CuZn33Pb2

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 %	1.500 max.	As-Cast	
Lead	Pb %	1.000 - 3.000		
Nickel	Ni %	1.000 max.		
Iron	Fe %	0.750 max.		
Aluminium	Al %	0.110 max.		
Manganese	Mn %	0.200 max.		
Silicon	Si %	0.050 max.		
Phosphorus	P %	0.050 max.		
Other	Ot%	1.000 max.		
Copper	Cu %	63.000 - 67.000	Mechanical Properties	
Zinc	Zn %	Balance	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
854C	AS	Australia	Ingot and Casting
C85400	AS	Australia	Ingot and Casting
CuZn33Pb2	ISO	International	Ingot and Casting
-	-	-	-
-	-	-	-
-	-	-	-
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