

Material: ISO 1338 CuZn33Pb2

Standard Specification for Cast Copper Alloys

Group: Non-Ferrous Copper Alloy

Sub Group: ISO 1338 Copper and Copper Alloys - Ingots and Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Ingot and Casting

Chemical Composition		
Aluminium	Al %	0.100 max.
Iron	Fe %	0.700 max.
Manganese	Mn %	0.200 max.
Nickel	Ni %	1.000 max.
Phosphorus	P %	0.020 max.
Lead	Pb %	1.000 - 2.800
Silicon	Si %	0.030 max.
Tin	Sn %	1.500 max.
Copper	Cu %	63.000 - 66.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	180 min.
Yield Strength in Mpa	70 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SCB3	BS	British	Casting
854C	AS	Australia	Ingot and Casting
C85400	AS	Australia	Ingot and Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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