

Material: AS/NZS 1565 937B

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: AS/NZS 1565 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 %	0.005 max.
Iron	Fe %	0.150 max.
Nickel	Ni %	0.500 max.
Phosphorus	P %	0.100 max.
Lead	Pb %	8.000 - 11.000
Sulphur	S %	0.080 max.
Antimony	Sb %	0.500 max.
Silicon	Si %	0.005 max.
Tin	Sn %	9.200 - 11.000
Zinc	Zn %	0.800 min.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	190 - 280
Yield Strength in Mpa	80 - 160
Elongation in %	3 - 6
Reduction of Area in %	-
Hardness in HB	65 - 80
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
LB2	BS	British	Casting
C93700	AS	Australia	Ingot and Casting
CuPb10Sn10	ISO	International	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India