

## 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			Heat Treatment	
Aluminium	Al %	0.005 max.	As-Cast	
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	<b>Mechanical Properties</b> 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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)