

## Material: ISO 1338 CuZn40Pb

### Standard Specification for Copper and Copper Alloys - Ingots and Castings

**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			Heat Treatment	
Aluminium	Al %	0.200 - 0.800	As-Cast	
Iron	Fe %	0.700 max.		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	1.000 max.		
Lead	Pb %	0.500 - 2.500		
Silicon	Si %	0.050 max.		
Tin	Sn %	1.000 max.		
Cu + Ni	Cu%+Ni%	58.000 - 62.000		
Zinc	Zn %	Balance	<b>Mechanical Properties</b> Tensile Strength in Mpa 220 - 470 Yield Strength in Mpa 100 - 330 Elongation in % 5 - 40 Reduction of Area in % - Hardness in HB 85 - 125 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
DCB3	BS	British	Casting
857B	AS	Australia	Ingot and Casting
C85710	AS	Australia	Ingot and 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)