

## Material: AS 2738 C86300

### Standard Specification for Copper and Copper Alloys - Compositions and Designations of Refinery Products, Wrought Products, Ingots and Castings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** AS 2738 Copper and Copper Alloys - Compositions and Designations of Refinery Products, Wrought Products, 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 %	5.000 - 7.500	As-Cast	
Iron	Fe %	2.000 - 4.000		
Manganese	Mn %	2.500 - 5.000		
Nickel	Ni %	1.000 max.		
Lead	Pb %	0.200 max.		
Tin	Sn %	0.200 max.		
Zinc	Zn %	22.000 - 28.000		
Copper	Cu %	60.000 - 66.000		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	760 min.
-	-	-	Yield Strength in Mpa	415 min.
-	-	-	Elongation in %	12 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	150 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
HTB3	BS	British	Ingot and Casting
869D	AS	Australia	Ingot and Casting
CuZn26Al4Fe3Mn3	ISO	International	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)