

## **Material: ASME SB-283 C37700**

## Standard Specification for Copper and Copper-Alloy Forgings

**Group: Non-Ferrous Copper Alloy**

### **Sub Group: ASME SB-283 Copper and Copper-Alloy Forgings**

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

### **Belongs to the Industry: Forging**

## Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	317 - 345
Yield Strength in Mpa	103 - 124
Elongation in %	25 - 30
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B981 C37700	ASTM	USA	Rod, Bar, Wire and Shapes
CuZn39Pb2	UNI	Italy	Plate, Sheet and Strip
CW612N	UNI	Italy	Forging
CW612N	ONORM	Australia	Forging
B283 C37700	ASTM	USA	Forging
CA377	SAE	USA	Forging
C37700	UNS	USA	Rod, Bar, Tube and Shapes

**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)