

# Material: ASTM B30 C87300

## Standard Specification for Copper Alloys Ingot and Casting

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** ASTM B30 Copper Alloys Ingot and Casting

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

**Belongs to the Industry:** Ingot and Casting

Chemical Composition		
Iron	Fe %	0.200 max.
Manganese	Mn %	0.800 - 1.500
Lead	Pb %	0.090 max.
Silicon	Si %	3.500 - 4.500
Zinc	Zn %	0.250 max.
Copper	Cu %	94.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	310 min.
Yield Strength in Mpa	124 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C87300	UNS	USA	Rod, Bar, Tube and Shapes
B198-12A	ASTM	USA	Casting
B271 C87300	ASTM	USA	Casting
B584 C87300	ASTM	USA	Casting
SB-584 C87300	ASME	USA	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)



+91-99090 45075



[info@icastllp.com](mailto:info@icastllp.com)



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