

Material: ASTM B30 C96400

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			Heat Treatment	
Carbon	C %	0.050 max.	As-Cast	
Iron	Fe %	0.250 - 1.000		
Manganese	Mn %	0.800 - 1.500		
Niobium	Nb %	0.500 - 1.500		
Ni + Co	Ni% + Co%	29.500 - 31.500		
Phosphorus	P %	0.020 max.		
Lead	Pb %	0.005 max.		
Sulphur	S %	0.020 max.		
Silicon	Si %	0.300 - 0.500		
Copper	Cu %	65.000 - 67.000		
-	-	-	Mechanical Properties Tensile Strength in Mpa 448 min. Yield Strength in Mpa 241 min. Elongation in % 25 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C96400	UNS	USA	Rod, Bar, Tube and Shapes
B369 C96400	ASTM	USA	Casting
B505 C96400	ASTM	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