



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 -	
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-	-	-		
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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
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-	-	-	-
-	-	-	-
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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