

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	Mechanical Properties	
Copper	Cu %	65.000 - 67.000	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
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-	-	-	-
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For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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