

Material: ASTM B30 7A

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	
Aluminium	Al %	0.500 - 1.500	As-Cast	
Iron	Fe %	0.400 - 2.000		
Manganese	Mn %	0.100 - 1.000		
Ni + Co	Ni% + Co%	0.800 max.		
Lead	Pb %	0.500 - 1.300		
Tin	Sn %	0.500 - 1.000		
Zinc	Zn %	34.000 - 42.000		
Copper	Cu %	56.000 - 62.000		
-	-	-	Mechanical Properties Tensile Strength in Mpa 414 min. Yield Strength in Mpa 138 min. Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C86400	UNS	USA	Rod, Bar, Tube and Shapes
B132-A	ASTM	USA	Casting
B147-7A	ASTM	USA	Casting
B271 C86400	ASTM	USA	Casting
B30 C86400	ASTM	USA	Ingot and Casting
B584 C86400	ASTM	USA	Casting
SB-584 C86400	ASME	USA	Casting

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