



Material - ASTM B30 C92500

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 %	0.005 max.	As-Cast	
Iron	Fe %	0.200 max.		
Ni + Co	Ni% + Co%	0.800 - 1.500		
Phosphorus	P %	0.300 max.		
Lead	Pb %	1.000 - 1.500		
Sulphur	S %	0.050 max.		
Antimony	Sb %	0.200 max.		
Silicon	Si %	0.005 max.		
Tin	Sn %	10.300 - 12.000		
Zinc	Zn %	0.500 max.		
Copper	Cu %	85.000 - 88.000	Mechanical Properties Tensile Strength in Mpa 276 min. Yield Strength in Mpa 165 min. Elongation in % 10 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C92500	UNS	USA	Rod, Bar, Tube and Shapes
B505 C92500	ASTM	USA	Casting
SB-505 C92500	ASME	USA	Casting
CA925	SAE	USA	Casting
SAE 640	SAE	USA	Casting
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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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