



Material - KS D2320 CACIn502

Standard Specification for Copper Alloys Ingot for Casting

Group - Non-Ferrous Copper Alloy

Sub Group - KS D2320 Copper Alloys Ingot for 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.		
Nickel	Ni %	0.500 max.		
Phosphorus	P %	0.100 max.		
Lead	Pb %	0.300 max.		
Antimony	Sb %	0.050 max.		
Silicon	Si %	0.005 max.		
Tin	Sn %	9.000 - 12.000		
Zinc	Zn %	0.300 max.		
Copper	Cu %	87.000 - 91.000		
-	-	-	Mechanical Properties Tensile Strength in Mpa 280 min. Yield Strength in Mpa 160 min. Elongation in % 10 min. Reduction of Area in % - Hardness in HB 80 min. Impact in Joule -	
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C90700	UNS	USA	Rod, Bar, Tube and Shapes
B30 C90700	ASTM	USA	Ingot and Casting
B427 C90700	ASTM	USA	Casting
B505 C90700	ASTM	USA	Casting
SB-505 C90700	ASME	USA	Casting
CA907	SAE	USA	Casting
SAE 65	SAE	USA	Casting

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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