

Material: KS D2320 CACIn407

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 %	0.800 max.		
Phosphorus	P %	0.030 max.		
Lead	Pb %	1.000 - 3.000		
Antimony	Sb %	0.200 max.		
Silicon	Si %	0.005 max.		
Tin	Sn %	5.000 - 7.000		
Zinc	Zn %	3.000 - 5.000		
Copper	Cu %	86.000 - 90.000		
-	-	0	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	234 min.
-	-	-	Yield Strength in Mpa	110 min.
-	-	-	Elongation in %	22 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C92200	UNS	USA	Rod, Bar, Tube and Shapes
B30 C92200	ASTM	USA	Ingot and Casting
B61 C92200	ASTM	USA	Casting
SB-61 C92200	ASME	USA	Casting
SB-505 C922000	ASME	USA	Casting
CA922	SAE	USA	Casting
SAE 922	SAE	USA	Casting

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