

Material: KS D2320 CACIn701

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 %	8.000 - 10.000	As-Cast	
Iron	Fe %	1.000 - 3.000		
Manganese	Mn %	0.100 - 1.000		
Nickel	Ni %	0.100 - 1.000		
Lead	Pb %	0.100 max.		
Tin	Sn %	0.100 max.		
Zinc	Zn %	0.500 max.		
Copper	Cu %	85.000 min.		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	448 min.
-	-	-	Yield Strength in Mpa	172 min.
-	-	-	Elongation in %	20 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C95200	UNS	USA	Rod, Bar, Tube and Shapes
B148 C95200	ASTM	USA	Casting
B148 Grade A	ASTM	USA	Casting
SB-148 C95200	ASME	USA	Casting
SB-148 Grade A	ASME	USA	Casting
C95200	SAE	USA	Casting
CA952	SAE	USA	Casting

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