

Material: SAE J462 C95200

Standard Specification for Cast Copper Alloys

Group: Non-Ferrous Copper Alloy

Sub Group: SAE J462 Cast Copper Alloys

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	8.500 - 9.500	As-Cast	
Iron	Fe %	2.500 - 4.000		
Copper	Cu %	86.000 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	450 - 470
			Yield Strength in Mpa	170 - 180
			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
CA952	SAE	USA	Casting
CACIn701	KS	Korea	Ingot and Casting

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