

# Material: ASTM B505 Alumium Bronze UNS C95200

## Standard Specification for Copper Alloy Continuous Casting

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** ASTM B505 / 505M Copper Alloys for Continuous Casting

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

**Belongs to the Industry:** Rod, Bar, Tube and Shapes

Chemical Composition			Heat Treatment	
Iron	Fe %	2.500 - 4.000	As-Cast	
Aluminium	Al %	8.500 - 9.500		
Copper	Cu %	86.000 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	469 min.
			Yield Strength in Mpa	179 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
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
CACIn701	KS	Korea	Ingot and Casting

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