

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

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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