

Material: ASTM B148 Grade A

Standard Specification for Aluminum-Bronze Sand Casting

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B148 Aluminum-Bronze Sand Casting

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 min.
-	-	-	Yield Strength in Mpa	170 min.
-	-	-	Elongation in %	20 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	110 min.
-	-	-	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
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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com