



Material - ASME SB-148 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
B148 Grade A	ASTM	USA	Casting
SB-148 C95200	ASME	USA	Casting
C95200	SAE	USA	Casting
CA952	SAE	USA	Casting
CACIn701	KS	Korea	Ingot and Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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