

Material: ASTM B148 Aluminum Bronze UNS C95410

Standard Specification for Alumium - Bronze Sand Castings

Group: Non-Ferrous Alumium Alloy

Sub Group: ASTM B148 Alumium - Bronze Sand Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Ni + Cu	Ni% + Cu%	1.500 - 2.500	As-Cast or Solution Annealing or Normalizing	
Manganese	Mn %	0.500 max.		
Iron	Fe %	3.000 - 5.000		
Aluminium	Al %	10.000 - 11.500		
Copper	Cu %	83.000 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	515 min.
-	-	-	Yield Strength in Mpa	205 min.
-	-	-	Elongation in %	12 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	150 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B176 C95410	ASTM	USA	Casting
B271 C95410	ASTM	USA	Casting
B30 C95410	ASTM	USA	Ingot and Casting
B505 C95410	ASTM	USA	Casting
SB-148 C95410	ASME	USA	Casting
SB-505 C95410	ASME	USA	Casting
CACIn702	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