

Material: ASTM B148 C95800

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 %	3.500 - 4.500		
Manganese	Mn %	0.800 - 1.500		
Ni + Co	Ni% + Co%	4.000 - 5.000		
Lead	Pb %	0.030 max.		
Silicon	Si %	0.100 max.		
Copper	Cu %	79.000 min.		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	585 min.
			Yield Strength in Mpa	240 min.
			Elongation in %	15 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C95800	UNS	USA	Rod, Bar, Tube and Shapes
B271 C95800	ASTM	USA	Casting
SB-148 C95800	ASME	USA	Casting
SB-505 C95800	ASME	USA	Casting
C95800	SAE	USA	Casting
CACIn703	KS	Korea	Ingot and Casting
B505 C95800	ASTM	USA	Casting

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