

Material: ASTM B148 Silicon Aluminum Bronze UNS C95600

Standard Specification for Aluminum - Bronze Sand Castings

Group: Non-Ferrous Aluminum Alloy

Sub Group: ASTM B148 Aluminum - Bronze Sand Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Silicon	Si %	1.800 - 3.200	As-Cast	
Ni + Cu	Ni% + Cu%	0.250 max.		
Aluminium	Al %	6.000 - 8.000		
Copper	Cu %	88.000 min.		
	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	415 min.
			Yield Strength in Mpa	195 min.
			Elongation in %	10 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B148 C95600	ASTM	USA	Casting
B148 Grade E	ASTM	USA	Casting
B30 9E	ASTM	USA	Ingot and Casting
B30 C95600	ASTM	USA	Ingot and Casting
SB-148 C95600	ASME	USA	Casting
SB-148 Grade 9E	ASME	USA	Casting
SB-148 Grade E	ASME	USA	Casting

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