

Material: ASTM B148 Grade E

Standard Specification for Aluminum-Bronze Sand Castings

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 %	6.000 - 8.000	As-Cast	
Ni + Co	Ni% + Co%	0.250 max.		
Silicon	Si %	1.800 - 3.200		
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
C95600	UNS	USA	Rod, Bar, Tube and Shapes
B148 C95600	ASTM	USA	Casting
B30 9E	ASTM	USA	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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