

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

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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