

Material: ASTM B148 Aluminum Bronze UNS C95900

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%	0.500 max.	As-Cast or Annealing or Normalizing	
Manganese	Mn %	1.500 max.		
Iron	Fe %	3.000 - 5.000		
Aluminium	Al %	12.000 - 13.500		
Copper	Cu %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B30 C95900	ASTM	USA	Ingot and Casting
B271 C95900	ASTM	USA	Casting
B505 C95900	ASTM	USA	Casting
B505 C95900	ASTM	USA	Casting
SB-148 C95900	ASME	USA	Casting
SB-271 C95900	ASME	USA	Casting
SB-505 C95900	ASME	USA	Casting

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