

Material: ASTM B271 Alumium Bronze UNS C95900

Standard Specification for Copper-Base Alloy Centrifugal Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B271 Copper-Base Alloy Centrifugal Castings

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

Belongs to the Industry: Rod, Bar, Tube and Shapes

Chemical Composition			Heat Treatment	
Iron	Fe %	3.000 - 5.000	As-Cast	
Ni + Co	Ni% + Co%	0.500 max.		
Aluminium	Al %	12.000 - 13.500		
Manganese	Mn %	1.500 max.		
Copper	Cu %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	0
-	-	-	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
B148 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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