

Material: ASTM B176 C99700

Standard Specification for Copper Alloy Die Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B176 Copper Alloy Die Casting

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.500 - 3.000	As-Cast	
Iron	Fe %	1.000 max.		
Manganese	Mn %	11.000 - 15.000		
Nickel	Ni %	4.000 - 6.000		
Lead	Pb %	2.000 max.		
Tin	Sn %	1.000 min.		
Zinc	Zn %	19.000 - 25.000		
Copper	Cu %	54.000 min.		
-	-	-	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
C99700	UNS	USA	Rod, Bar, Tube and Shapes
B30 C99700	ASTM	USA	Ingot and Casting
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-	-	-	-
-	-	-	-
-	-	-	-
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