

Material: ANSI/AA C85700

Specification Standards for Die Castings

Group: Non-Ferrous Copper Alloy Sub

Group: ANSI/AA for Die Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Tin	Sn %	0.500 - 1.500	As-Cast	
Lead	Pb %	0.800 - 1.500		
Zinc	Zn %	32.000 - 40.000		
Iron	Fe %	0.700 max.		
Aluminium	Al %	0.800 max.		
Nickel	Ni %	1.000 max.		
Silicon	Si %	0.050 max.		
Other	Ot%	1.000 max.		
Copper	Cu %	58.000 - 64.000		
-	-	-		
-	-	-		
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-	-	-		
-	-	-		
-	-	-		
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			Mechanical Properties	
			Tensile Strength in Mpa	344 min.
			Yield Strength in Mpa	124 min
			Elongation in %	15 min.
			Reduction of Area in %	-
			Hardness in BHN	75 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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