

Material: ANSI/AA C99700

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 %	1.000 max.	As-Cast	
Lead	Pb %	2.000 max.		
Zinc	Zn %	19.000 - 25.000		
Iron	Fe %	1.000 max.		
Aluminium	Al %	0.500 - 3.000		
Manganese	Mn %	11.000 - 15.000		
Nickel	Ni %	4.000 - 6.000		
Other	Ot%	1.000 max.		
Copper	Cu %	54.000 min.		
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			Mechanical Properties	
			Tensile Strength in Mpa	448 min.
			Yield Strength in Mpa	186 min
			Elongation in %	15 min.
			Reduction of Area in %	-
			Hardness in BHN	125 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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Customer Care: +91-99090 45075 Email: info@icastllp.com