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		
Tin	Sn %	1.000 max.
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.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

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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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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