

# Material: ANSI/AA C99750

## 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	
Lead	Pb %	0.500 - 2.500	As-Cast	
Zinc	Zn %	17.000 - 23.000		
Iron	Fe %	1.000 max.		
Aluminium	Al %	0.250 - 3.000		
Manganese	Mn %	17.000 - 23.000		
Nickel	Ni %	5.000 max.		
Other	Ot%	1.000 max.		
Copper	Cu %	55.000 - 61.000		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	448 min.
			Yield Strength in Mpa	221 min
			Elongation in %	30 min.
			Reduction of Area in %	-
			Hardness in BHN	110 min.
			Impact in Joule	102 min.

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

**Customer Care:** +91-99090 45075 Email: info@icastllp.com