

Material: BDS EN 1706 AC-21000

Standard Specification for Aluminium and Aluminium Alloys - Castings

Group: Non-Ferrous Aluminium Alloy

Sub Group: BDS EN 1706 Aluminium and Aluminium Alloys - Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	4.200 - 5.000	As-Cast, or Solution Annealing and Aging	
Iron	Fe %	0.350 max.		
Magnesium	Mg %	0.150 - 0.350		
Manganese	Mn %	0.100 max.		
Nickel	Ni %	0.050 max.		
Silicon	Si %	0.200 max.		
Lead	Pb %	0.050 max.		
Tin	Sn %	0.050 max.		
Titanium	Ti %	0.150 - 0.300		
Zinc	Zn %	0.100 max.		
Other	Ot%	0.100 max.		
Aluminium	Al %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN AC-21000	ASME	USA	Casting
EN AC-21000	DIN	Germany	Casting
EN AC-21000	UNE	Spain	Casting
EN AC-21000	SFS	Finland	Casting
EN AC-21000	MSZ	Hungary	Casting
EN AC-21000	AFNOR NF	France	Casting
Al Cu4MgTi	ISO	International	Casting

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