

Material: BS 1490 LM5

Standard Specification for Aluminium and Aluminium Alloy Ingots and Casting for General Engineering Purpose

Group: Non-Ferrous Aluminium Alloy

Sub Group: Aluminium Alloy BS 1490 for Ingots and Casting General Engineering Purpose

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

Belongs to the Industry: Ingot and Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	0.100 max.	As-Cast	
Magnesium	Mg %	3.000 - 6.000		
Silicon	Si %	0.300 max.		
Iron	Fe %	0.600 max.		
Manganese	Mn %	0.300 - 0.700		
Nickel	Ni %	0.100 max.		
Zinc	Zn %	0.100 max.		
Lead	Pb %	0.050 max.		
Tin	Sn %	0.050 max.		
Titanium	Ti %	0.200 max.		
Other	Ot%	0.150 max.		
Aluminium	Al %	Balance	Mechanical Properties Tensile Strength in Mpa 140 min. Yield Strength in Mpa - Elongation in % 3 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
5230	IS	India	Casting
AlSi6Cu2	CSN	International	Ingots and Casting
EN AC-51300	AFNOR NF	France	Ingots and Casting
EN AC-51300	DIN	Germany	Ingots and Casting
EN AC-51300	ONORM	Australia	Ingots and Casting
EN AC-51300	EN	European Union	Ingots and Casting
EN AC-51300	BDS	Bulgaria	Ingots and 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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India