

Material: BS 1490 LM6

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

Group: Non-Ferrous Aluminum 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		
Copper	Cu %	0.100 max.
Magnesium	Mg %	0.100 max.
Silicon	Si %	10.000 - 13.000
Iron	Fe %	0.600 max.
Manganese	Mn %	0.500 max.
Nickel	Ni %	0.100 max.
Zinc	Zn %	0.100 max.
Lead	Pb %	0.100 max.
Tin	Sn %	0.050 max.
Titanium	Ti %	0.200 max.
Other	Ot%	0.150 max.
Aluminium	Al %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	160 min.
Yield Strength in Mpa	-
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
BS401	AS	Australia	Ingot and Casting
CA401	AS	Australia	Ingot and Casting
CB401	AS	Australia	Ingot and Casting
CC401	AS	Australia	Ingot and Casting
B413.0	AA	USA	Ingot and Casting
4600	IS	India	Ingot and Casting
ADC 2	JIS	Japan	Ingot 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