



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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

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

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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