

## Material: BS 1490 LM29

### 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 %	0.800 - 1.300	As Cast or Solution Annealing and Precipitation	
Magnesium	Mg %	0.800 - 1.300		
Silicon	Si %	22.000 - 25.000		
Iron	Fe %	0.700 max.		
Manganese	Mn %	0.600 max.		
Nickel	Ni %	0.800 - 1.300		
Zinc	Zn %	0.200 max.		
Lead	Pb %	0.100 max.		
Tin	Sn %	0.100 max.		
Titanium	Ti %	0.200 max.		
Chromium	Cr %	0.600 max.		
Other	Ot%	0.300 max.		
Aluminium	Al %	Balance		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
393.0	AA	USA	Ingots and Casting
4928-B	IS	India	Casting
A039300	UNS	USA	Casting
393.0	NBR	Brazil	Casting
-	-	-	-
-	-	-	-
-	-	-	-

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**Customer Care:** +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)