

Material: BS 1490 LM27

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 %	1.500 - 2.500	As-Cast	
Magnesium	Mg %	0.350 max.		
Silicon	Si %	6.000 - 8.000		
Iron	Fe %	0.800 max.		
Manganese	Mn %	0.200 - 0.600		
Nickel	Ni %	0.300 max.		
Zinc	Zn %	1.000 max.		
Lead	Pb %	0.200 max.		
Tin	Sn %	0.100 max.		
Titanium	Ti %	0.200 max.		
Other	Other %	0.150 max.		
Aluminium	Al %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
AA315	AS	Australia	Ingots and Casting
AS315	AS	Australia	Ingots and Casting
A384.0	AA	USA	Ingots and Casting
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