

Material: BS 1490 LM31

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 %	0.500 - 0.750		
Silicon	Si %	0.250 max.		
Iron	Fe %	0.500 max.		
Manganese	Mn %	0.100 max.		
Nickel	Ni %	0.100 max.		
Zinc	Zn %	4.800 - 5.700		
Lead	Pb %	0.050 max.		
Tin	Sn %	0.050 max.		
Titanium	Ti %	0.250 max.		
Chromium	Cr %	0.400 - 0.600		
Other	Ot%	0.150 max.		
Aluminium	Al %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
712.0	AA	USA	Casting
Al Zn5Mg	ISO	International	Ingots and Casting
712.0	SAE	USA	Casting
BA701	AS	Australia	Ingots and Casting
L-2710	UNE	Spain	Ingots and Casting
B-26 712.0	ASTM	USA	Casting
A-Z5G	AFNOR NF	France	Ingots and Casting

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