



Material - AS 1874 AA339

Standard Specification for Aluminium and Aluminium Alloy - Ingot and Castings

Group - Non-Ferrous Aluminium Alloy

Sub Group - AS 1874 Aluminium and Aluminium Alloy - Ingot and Castings

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 %	2.000 - 4.000	As-Cast	
Iron	Fe %	0.800 max.		
Magnesium	Mg %	0.500 max.		
Nickel	Ni %	0.300 max.		
Lead	Pb %	0.150 max.		
Silicon	Si %	5.000 - 7.000		
Tin	Sn %	0.200 max.		
Zinc	Zn %	1.000 max.		
Chromium	Cr %	0.100 max.		
Titanium	Ti %	0.200 max.		
Other	Ot%	0.200 max.	Mechanical Properties	
Aluminium	Al %	Balance	Tensile Strength in Mpa	135 - 275
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	1 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
AA303	AS	Australia	Ingot and Casting
LM4	BS	British	Ingot and Casting
303	AS	Australia	Ingot and Casting
4223	IS	India	Ingot and Casting
L-2610	UNE	Spain	Ingot 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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