



Material - AS 1874 BB325

Standard Specification for Aluminium and Aluminium Alloys - Ingot and Casting for General Engineering Purposes

Group - Non-Ferrous Aluminium Alloy

Sub Group - AS 1874 Aluminium and Aluminium Alloys - Ingot and Casting for General Engineering Purposes

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 - 3.500	As-Cast	
Magnesium	Mg %	0.200 - 0.500		
Silicon	Si %	7.500 - 8.500		
Iron	Fe %	0.800 max.		
Manganese	Mn %	0.100 - 0.300 max.		
Nickel	Ni %	0.300 max.		
Tin	Sn %	0.100 max.		
Zinc	Zn %	0.200 - 0.500		
Titanium	Ti %	0.150 max.		
Lead	Pb %	0.200 max.		
Other	Ot%	0.150 max.	Mechanical Properties Tensile Strength in Mpa 180 min. Yield Strength in Mpa - Elongation in % 1.5 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Aluminium	Al %	Balance		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
LM24	BS	British	Ingot and Casting
4420	IS	India	Ingot and Casting
AS313	AS	Australia	Ingot and Casting
CA313	AS	Australia	Ingot and Casting
ADC10Z	JIS	Japan	Ingot and Casting
380.0	AA	USA	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.