Material: AS 1874 BB325

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

Group: *Non-Ferrous Alumium 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		
Copper	Cu %	2.000 - 3.500
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.
Aluminium	Al %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

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	-

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
-	-	-	-

Customer Care: *+91-99090 45075 Email: info@icastllp.com*