Material: DIN EN 1753 EN-MB21230

Standard Specification for Magnesium Alloy Ingots and Castings

Group: *Non-Ferrous Magnesium Alloy*
Sub Group: *DIN EN 1753 Magnesium Alloy Ingots and Castings*
Application: *Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade*
Belongs to the Industry: *Ingot and Casting*

Chemical Composition		
Aluminium	Al %	5.600 - 6.400
Copper	Cu %	0.008 max.
Iron	Fe %	0.004 max.
Manganese	Mn %	0.230 max.
Nickel	Ni %	0.001 max.
Other	Ot%	0.010 max.
Silicon	Si %	0.050 max.
Zinc	Zn %	0.200 max.
Magnesium	Mg %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	220 min.
Yield Strength in Mpa	130 min.
Elongation in %	8 min.
Reduction of Area in %	-
Hardness in HB	62 min.
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
AM60B	ANSI/AA	USA	Casting
B94 AM60B	ASTM	USA	Casting
B951 AM60B	ASTM	USA	Casting
B951 M10602	ASTM	USA	Casting
B275 AM60B	ASTM	USA	Casting
EN-MB21230	BDS	Bulgaria	Ingot and Casting
EN-MBMgAl6Mn	AFNOR NF	France	Ingot and Casting

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