



Material - AFNOR NF EN 1753 EN-MBMgAl6Mn

Standard Specification for Magnesium Alloy Ingots and Castings

Group - Non-Ferrous Magnesium Alloy

Sub Group - AFNOR NF 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			Heat Treatment	
Aluminium	Al %	5.600 - 6.400	As-Cast	
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	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-MB21230	DIN	Germany	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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