

Material - ASTM B240 Zamak 7

Standard Specification for Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die Castings

Group - Non-Ferrous Zinc Alloy

Sub Group - ASTM B240 Zinc and Zinc-Aluminum (ZA) Alloys in Ingot Form for Foundry and Die 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 %	3.900 - 4.300	As-Cast or Aging	
Cadmium	Cd %	0.002 max.		
Copper	Cu %	0.100 max.		
Iron	Fe %	0.035 max.		
Magnesium	Mg %	0.010 - 0.020		
Nickel	Ni %	0.005 - 0.020		
Lead	Pb %	0.003 max.		
Tin	Sn %	0.001 max.		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	283 min.
-	-	-	Yield Strength in Mpa	221 min.
-	-	-	Elongation in %	13 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	80 min.
-	-	-	Impact in Joule	58 min. @RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 7	ANSI/AA	USA	Casting
Z33523	UNS	USA	Casting
Z33527	UNS	USA	Casting
B86 Alloy 7	ASTM	USA	Casting
B86 Zamak 7	ASTM	USA	Casting
B86 AG40B	ASTM	USA	Casting
B240 AG40B	ASTM	USA	Ingot and Casting

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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