

Material - ASTM B240 AG40A

Specification Standards 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 - Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	3.900 - 4.300	As-Cast or Aging	
Cadmium	Cd %	0.003 max.		
Copper	Cu %	0.100 max.		
Iron	Fe %	0.035 max.		
Magnesium	Mg %	0.030 - 0.060		
Lead	Pb %	0.004 max.		
Tin	Sn %	0.00015 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	285 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	10 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	82 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 2	ANSI/AA	USA	Casting
ZDC 2	JIS	Japan	Casting
ZDC 2	KS	Korea	Casting
B240 Zamak 3	ASTM	USA	Casting
GD-ZnAl4	DIN	Germany	Casting
ZL3	ISO	International	Casting
903	SAE	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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