

Material: ASTM B240 AC41A

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

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 %	0.003 max.		
Copper	Cu %	0.700 - 1.100		
Iron	Fe %	0.035 max.		
Magnesium	Mg %	0.030 - 0.060		
Lead	Pb %	0.004 max.		
Tin	Sn %	0.0015 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	328 min.
-	-	-	Yield Strength in Mpa	228 min.
-	-	-	Elongation in %	7 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	91 min.
-	-	-	Impact in Joule	65 min. @RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 5	ANSI/AA	USA	Casting
ZP5	ISO	International	Casting
Z33531	UNS	USA	Ingot and Casting
B86 Alloy 5	ASTM	USA	Casting
B86 Zamak 5	ASTM	USA	Casting
B86 AC41A	ASTM	USA	Casting
B240 Zamak 5	ASTM	USA	Ingot and Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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