

Material: UNS Z33521

Standard Specification for Zinc Die Casting Alloy 3 (AG40A) Ingot

Group: Non-Ferrous Zinc Alloy

Sub Group: UNS for Zinc Die Casting Alloy 3 (AG40A) Ingot

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 %	0.100 max.		
Iron	Fe %	0.075 max.		
Magnesium	Mg %	0.025 - 0.050		
Lead	Pb %	0.004 max.		
Tin	Sn %	0.002 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 280 min. Yield Strength in Mpa 200 min. Elongation in % 10 min. Reduction of Area in % - Hardness in HB 83 min. Impact in Joule -	
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-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 3	ANSI/AA	USA	Casting
ZP3	ISO	International	Casting
B86 Alloy 3	ASTM	USA	Casting
B86 Zamak 3	ASTM	USA	Casting
B86 AG40A	ASTM	USA	Casting
ZnAl4	UNI	Italy	Ingot and Casting
B240 Zamak 3	ASTM	USA	Casting

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