



## Material - UNE ZnAl4

### Standard Specification For Zinc and Zinc Alloy Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - UNE ZnAl4 Zinc and Zinc Alloy 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 %	3.800 - 4.200	As-Cast	
Copper	Cu %	0.030 max.		
Magnesium	Mg %	0.035 - 0.060		
Lead	Pb %	0.003 max.		
Cadmium	Cd %	0.003 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.020 max.		
Nickel	Ni %	0.001 max.		
Silicon	Si %	0.020 max.		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> 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      57 J @ RT	
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-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP3	DIN	Germany	Casting
Alloy A	BS	British	Casting
G-ZnAl4	UNI	Italy	Ingot
ZP0400	EN	European Union	Casting
B 240 AG40A	ASTM	USA	Casting
ZP0400	DIN	Germany	Casting
ZP3	AFNOR NF	France	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](mailto:marketing@gravitycastindia.com)**

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