



## Material - UNI EN 1774 ZnAl4

**Standard Specification for Zinc and Zinc Alloys - Alloys for Foundry Purposes - Ingot and liquid**

**Group - Non-Ferrous Zinc Alloy**

**Sub Group - UNI EN 1774 Zinc and Zinc Alloys - Alloys for Foundry Purposes - Ingot and liquid**

**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 or Aging	
Cadmium	Cd %	0.003 max.		
Copper	Cu %	0.030 max.		
Iron	Fe %	0.020 max.		
Magnesium	Mg %	0.035 - 0.060		
Nickel	Ni %	0.001 max.		
Lead	Pb %	0.003 max.		
Silicon	Si %	0.020 max.		
Tin	Sn %	0.001 max.		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      283 min. Yield Strength in Mpa      221 min. Elongation in %      10 min. Reduction of Area in %      - Hardness in HB      82 min. Impact in Joule      -	
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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
Z33521	UNS	USA	Ingot and Casting
B86 Alloy 3	ASTM	USA	Casting
B86 Zamak 3	ASTM	USA	Casting
B86 AG40A	ASTM	USA	Casting
B240 Zamak 3	ASTM	USA	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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