



## Material - UNI G-ZnAl4Cu1

### Standard Specification For Zinc Alloy Ingots

Group - Non-Ferrous Zinc Alloys

Sub Group - UNI G-ZnAl4Cu1 Zinc Alloy Ingots

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Ingot

Chemical Composition			Heat Treatment	
Aluminium	Al %	3.900 - 4.300	As-Cast	
Copper	Cu %	0.750 - 1.250		
Magnesium	Mg %	0.030 - 0.060		
Lead	Pb %	0.005 max.		
Cadmium	Cd %	0.005 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.100 max.		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      330 min. Yield Strength in Mpa      250 min. Elongation in %      5 min. Reduction of Area in %      - Hardness in HB      92 min. Impact in Joule      58 J @ RT	
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-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP5	DIN	Germany	Casting
Alloy B	BS	British	Casting
ZnAl4Cu1	UNE	Spain	Ingot
ZnAl4Cu1	NS	Norway	Ingot
ZnAl4Cu1	SS	Sweden	Ingot
B 240 AC41A	ASTM	USA	Ingot and Casting
2.2141	DIN	Germany	Ingot and Casting

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +91846916029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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