



Material - UNI G-ZnAl4

Standard Specification For Zinc Alloy Ingots

Group - Non-Ferrous Zinc Alloys

Sub Group - UNI G-ZnAl4 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 %	0.030 max.		
Magnesium	Mg %	0.035 - 0.060		
Lead	Pb %	0.003 max.		
Cadmium	Cd %	0.003 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.030 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		57 J @ RT		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP3	DIN	Germany	Casting
Alloy A	BS	British	Casting
ZnAl4	UNE	Spain	Ingot and Casting
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

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