



Material - UNI G-ZnAl4Cu3

Standard Specification For Zinc Alloy Ingots

Group - Non-Ferrous Zinc Alloys

Sub Group - UNI G-ZnAl4Cu3 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 %	2.700 - 3.500		
Magnesium	Mg %	0.030 - 0.060		
Cadmium	Cd %	0.003 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.030 max.		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties Tensile Strength in Mpa 335 min. Yield Strength in Mpa 270 min. Elongation in % 5 min. Reduction of Area in % - Hardness in HB 102 min. Impact in Joule 59 J @ RT	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP2	DIN	Germany	Casting
ZnAl4Cu3	UNE	Spain	Ingot
B 240 AC43A	ASTM	USA	Ingot and Casting
GB-ZnAl4Cu3	DIN	Germany	Ingot and Casting
GK-ZnAl4Cu3	DIN	Germany	Casting
2.2143	DIN	Germany	Casting
2.2143.01	DIN	Germany	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.