

Material: DIN GB-ZnAl4Cu3

Standard Specification for Zinc and Zinc Alloy Ingot and Castings

Group: Non-Ferrous Zinc Alloys

Sub Group: DIN GB-ZnAl4Cu3 Zinc and Zinc Alloy Ingot and 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 %	3.900 - 4.300	As-Cast	
Copper	Cu %	2.500 - 3.200		
Magnesium	Mg %	0.025 - 0.060		
Cadmium	Cd %	0.003 max.		
Tin	Sn %	0.001 max.		
Iron	Fe %	0.050 max.		
Lead	Pb %	0.003 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
G-ZnAl4Cu3	UNI	Italy	Ingot
ZnAl4Cu3	UNE	Spain	Ingot
B 240 AC43A	ASTM	USA	Ingot and Casting
GK-ZnAl4Cu3	DIN	Germany	Casting
2.2143	DIN	Germany	Casting
2.2143.01	DIN	Germany	Casting

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