

Material - ASTM B 240 AC43A

Standard Specification for Zinc and Zinc Alloy Ingot and Die Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - ASTM B 240 AC43A Zinc and Zinc Alloy Ingot and Die 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 %	2.700 - 3.300		
Magnesium	Mg %	0.025 - 0.060		
Cadmium	Cd %	0.003 max.		
Tin	Sn %	0.0015 max.		
Iron	Fe %	0.035 max.		
Lead	Pb %	0.004 max.		
Silicon	Si %	0.035 max.		
Nickel	Ni %	0.020 max.		
Chromium	Cr %	0.020 max.	Mechanical Properties	
Zinc	Zn %	Balance	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
GB-ZnAl4Cu3	DIN	Germany	Ingot and Casting
GK-ZnAl4Cu3	DIN	Germany	Casting
2.2143	DIN	Germany	Casting
2.2143.01	DIN	Germany	Casting

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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