



Material - ASTM B 240 ZA12

Standard Specification for Zinc and Zinc Alloys Ingot and Die Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - ASTM B 240 ZA12 Zinc and Zinc Alloys 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 %	10.800 - 11.500	As-Cast	
Copper	Cu %	0.500 - 1.200		
Magnesium	Mg %	0.020 - 0.030		
Lead	Pb %	0.005 max.		
Cadmium	Cd %	0.005 max.		
Tin	Sn %	0.002 max.		
Iron	Fe %	0.050 max.		
Nickel	Ni %	0.010 max.		
Chromium	Cr %	0.010 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 400 min. Yield Strength in Mpa 300 min. Elongation in % 5 min. Reduction of Area in % - Hardness in HB 100 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP12	DIN	Germany	Casting
ZnAl11Cu1	UNE	Spain	Ingot
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-	-	-	-
-	-	-	-
-	-	-	-
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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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