

Material - ASTM B 240 ZA27

Standard Specification For Zinc and Zinc Alloy Ingot and Die Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - ASTM B 240 ZA27 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 %	25.500 - 28.000	As-Cast	
Copper	Cu %	2.000 - 2.500		
Magnesium	Mg %	0.012 - 0.020		
Lead	Pb %	0.005 max.		
Cadmium	Cd %	0.005 max.		
Tin	Sn %	0.002 max.		
Iron	Fe %	0.070 max.		
Nickel	Ni %	0.010 max.		
Chromium	Cr %	0.010 max.		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	425 min.
-	-	-	Yield Strength in Mpa	376 min.
-	-	-	Elongation in %	1 - 3
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	119 min.
-	-	-	Impact in Joule	12.8 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZA27	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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