

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