

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		
Aluminium	Al %	25.500 - 28.000
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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