

Material: ISO 15201 ZP2720

Standard Specification for Zinc and Zinc Alloys - Castings

Group: Non-Ferrous Zinc Alloy

Sub Group: ISO 15201 Zinc and Zinc Alloys - Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	25.000 - 28.000	As-Cast or Aging	
Cadmium	Cd %	0.006 max.		
Copper	Cu %	2.000 - 2.500		
Iron	Fe %	0.075 max.		
Magnesium	Mg %	0.010 - 0.020		
Lead	Pb %	0.006 max.		
Tin	Sn %	0.003 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 425 min. Yield Strength in Mpa 370 min. Elongation in % 2.5 min. Reduction of Area in % - Hardness in HB 120 min. Impact in Joule 10 min. @RT	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZA-27	ANSI/AA	USA	Casting
B86 ZA27	ASTM	USA	Casting
B240 ZA27	ASTM	USA	Ingot and Casting
Z35841	UNS	USA	Casting
ZP27	ISO	International	Casting
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