

Material: ISO 15201 ZP5

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 %	3.700 - 4.300	As-Cast or Aging	
Cadmium	Cd %	0.004 max.		
Copper	Cu %	0.700 - 1.200		
Iron	Fe %	0.050 max.		
Magnesium	Mg %	0.020 - 0.060		
Lead	Pb %	0.005 max.		
Tin	Sn %	0.002 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 330 min. Yield Strength in Mpa 250 min. Elongation in % 5 min. Reduction of Area in % - Hardness in HB 92 min. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 5	ANSI/AA	USA	Casting
Z33531	UNS	USA	Ingot and Casting
B86 Alloy 5	ASTM	USA	Casting
B86 Zamak 5	ASTM	USA	Casting
B86 AC41A	ASTM	USA	Casting
B240 AC41A	ASTM	USA	Ingot and Casting
B240 Zamak 5	ASTM	USA	Ingot and Casting

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