

Material: ISO 15201 ZP27

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

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
ZP2720	ISO	International	Casting
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com