



Material - DIN EN 12844 ZP2720 I ZP27

Standard Specification For Zinc and Zinc Alloy Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - DIN EN 12844 ZP2720 I ZP27 Zinc and Zinc Alloy 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	
Copper	Cu %	2.000 - 2.500		
Magnesium	Mg %	0.010 - 0.020		
Lead	Pb %	0.006 max.		
Cadmium	Cd %	0.006 max.		
Tin	Sn %	0.003 max.		
Iron	Fe %	0.010 max.		
Nickel	Ni %	0.020 max.		
Silicon	Si %	0.080 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 J @ RT	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 240 ZA27	ASTM	USA	Ingot and Casting
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-	-	-	-
-	-	-	-
-	-	-	-
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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