

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

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 240 ZA27	ASTM	USA	Ingots and Castings
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