

Material: DIN EN 12844 GD-ZnAl4

Specification Standards for High Purity Zinc Casting Alloys; Pressure, Sand and Gravity Die

Group: Non-Ferrous Zinc Alloy

Sub Group: DIN EN 12844 High Purity Zinc Casting Alloys; Pressure, Sand and Gravity Die Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	3.500 - 4.300	As-Cast or Aging	
Copper	Cu %	0.100 max.		
Iron	Fe %	0.050 max.		
Magnesium	Mg %	0.020 - 0.060		
Nickel	Ni %	0.020 max.		
Pb + Cd	Pb% + Cd%	0.009 max.		
Tin	Sn %	0.002 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 250 - 300 Yield Strength in Mpa 200 - 300 Elongation in % 3 - 6 Reduction of Area in % - Hardness in HB 82 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Zamak 2	ANSI/AA	USA	Casting
ZDC 2	JIS	Japan	Casting
ZDC 2	KS	Korea	Casting
B240 AG40A	ASTM	USA	Casting
B240 Zamak 3	ASTM	USA	Casting
ZL3	ISO	International	Casting
903	SAE	USA	Ingot and Casting

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