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	-

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

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

ONE STOP SOLUTION FOR METAL PARTS