



Material - DIN EN 12844 ZP1110 I ZP12

Standard Specification For Zinc and Zinc Alloy Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - DIN EN 12844 ZP1110 I ZP12 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 %	10.500 - 11.500	As-Cast	
Copper	Cu %	0.500 - 1.200		
Magnesium	Mg %	0.015 - 0.030		
Lead	Pb %	0.006 max.		
Cadmium	Cd %	0.006 max.		
Tin	Sn %	0.003 max.		
Iron	Fe %	0.070 max.		
Nickel	Ni %	0.020 max.		
Silicon	Si %	0.060 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 400 min. Yield Strength in Mpa 300 min. Elongation in % 5 min. Reduction of Area in % - Hardness in HB 100 min. Impact in Joule 30 J @ RT	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZnAl11Cu1	UNE	Spain	Ingot
B 240 ZA12	ASTM	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.