



Material - DIN EN 12844 ZP0610 I ZP6

Standard Specification For Zinc and Zinc Alloy Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - DIN EN 12844 ZP0610 I ZP6 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 %	5.400 - 6.000	As-Cast	
Copper	Cu %	1.100 - 1.700		
Magnesium	Mg %	0.005 max.		
Lead	Pb %	0.005 max.		
Cadmium	Cd %	0.005 max.		
Tin	Sn %	0.002 max.		
Iron	Fe %	0.050 max.		
Nickel	Ni %	0.020 max.		
Silicon	Si %	0.030 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in HB - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZnAl6Cu1	UNE	Spain	Casting
2.2161	DIN	Germany	Ingot and Casting
2.2161.01	DIN	Germany	Casting
2.2161.02	DIN	Germany	Casting
GB-ZnAl6Cu1	DIN	Germany	Ingot and Casting
GK-ZnAl6Cu1	DIN	Germany	Ingot and Casting
G-ZnAl6Cu1	DIN	Germany	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.