



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN EN 12844 ZP0430 I ZP2

Standard Specification For Zinc and Zinc Alloy Castings

Group - Non-Ferrous Zinc Alloys

Sub Group - DIN EN 12844 ZP0430 I ZP2 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 %	3.700 - 4.300	As-Cast			
Copper	Cu %	2.700 - 3.300				
Magnesium	Mg %	0.025 - 0.060				
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	335 min.
-	-	-			Yield Strength in Mpa	270 min.
-	-	-			Elongation in %	5 min.
-	-	-			Reduction of Area in %	-
-	-	-			Hardness in HB	102 min.
-	-	-			Impact in Joule	59 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G-ZnAl4Cu3	UNI	Italy	Ingot
ZnAl4Cu3	UNE	Spain	Ingot
B 240 AC43A	ASTM	USA	Ingot and Casting
GB-ZnAl4Cu3	DIN	Germany	Ingot and Casting
GK-ZnAl4Cu3	DIN	Germany	Casting
2.2143	DIN	Germany	Casting
2.2143.01	DIN	Germany	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

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