

Material: DIN 2.2143.02

Standard Specification for Zinc and Zinc Alloy Die Castings

Group: Non-Ferrous Zinc Alloys

Sub Group: DIN 2.2143.02 Zinc and Zinc Alloy Die Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Aluminium	Al %	3.500 - 4.300
Copper	Cu %	2.500 - 3.200
Magnesium	Mg %	0.030 - 0.060
Pb + Cd	Pb% + Cd%	0.009 max.
Tin	Sn %	0.002 max.
Iron	Fe %	0.075 max.
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	240 - 280
Yield Strength in Mpa	200 - 230
Elongation in %	1 - 3
Reduction of Area in %	-
Hardness in HB	100 - 110
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP2	DIN	Germany	Casting
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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India