



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - UNE ZnAl11Cu1

Standard Specification For Zinc Alloy Ingots

Group - Non-Ferrous Zinc Alloys

Sub Group - UNE ZnAl11Cu1 Zinc Alloy Ingots

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

Grade Belongs to the Industry - Ingot

Chemical Composition			Heat Treatment	
Aluminium	Al %	10.800 - 11.500	As-Cast	
Copper	Cu %	0.500 - 1.200		
Magnesium	Mg %	0.020 - 0.030		
Lead	Pb %	0.005 max.		
Cadmium	Cd %	0.005 max.		
Tin	Sn %	0.002 max.		
Iron	Fe %	0.050 max.		
Silicon	Si %	0.050 max.		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	404 min.
-	-	-	Yield Strength in Mpa	320 min.
-	-	-	Elongation in %	4 - 7
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	100 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
ZP12	DIN	Germany	Casting
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.

ONE STOP SOLUTION FOR METAL PARTS