

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