

Material: BS EN 1982 CuAl11FeNi6-B (CC334G)

Standard Specification for Copper and Copper Alloys - Ingot and Casting

Group: Non-Ferrous Copper Alloy

Sub Group: BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

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

Belongs to the Industry: Ingot and Casting

Chemical Composition			Heat Treatment	
Magnesium	Mg %	0.050 max.	As-Cast	
Lead	Pb %	0.050 max.		
Silicon	Si %	0.100 max.		
Tin	Sn %	0.200 max.		
Zinc	Zn %	0.500 max.		
Manganese	Mn %	2.500 max.		
Nickel	Ni %	4.000 - 7.500		
Iron	Fe %	4.000 - 7.000		
Aluminium	Al %	10.000 - 12.000		
Copper	Cu %	72.000 - 82.500	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	600 min.
-	-	-	Yield Strength in Mpa	250 min.
-	-	-	Elongation in %	13 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	140 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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Customer Care: +91-99090 45075 Email: info@icastllp.com