

Material: BS EN 1982 CuAl10Fe2-C (CC331G)

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 %	0.100 max.		
Silicon	Si %	0.200 max.		
Tin	Sn %	0.200 max.		
Zinc	Zn %	0.500 max.		
Nickel	Ni %	1.500 max.		
Manganese	Mn %	1.000 max.		
Iron	Fe %	1.500 - 3.500		
Aluminium	Al %	8.500 - 10.500	Mechanical Properties	
Copper	Cu %	83.000 - 89.500	Tensile Strength in Mpa	500 min.
-	-	-	Yield Strength in Mpa	180 min.
-	-	-	Elongation in %	18 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	100 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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