

Material: BS EN 1982 CuAl10FeNi5-C (CC333G)

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	
Bismuth	Bi %	0.010 max.	As-Cast	
Chromium	Cr %	0.050 max.		
Magnesium	Mg %	0.050 max.		
Lead	Pb %	0.030 max.		
Silicon	Si %	0.100 max.		
Tin	Sn %	0.100 max.		
Zinc	Zn %	0.500 max.		
Manganese	Mn %	3.000 max.	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 -	
Nickel	Ni %	4.000 - 6.000		
Iron	Fe %	4.000 - 5.500		
Aluminium	Al %	8.500 - 10.500		
Copper	Cu %	76.000 - 83.000		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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