

Material: BS EN 1982 CuNi10Fe1Mn1-C (CC380H)

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	
Aluminium	Al %	0.010 max.	As-Cast	
Carbon	C %	0.100 max.		
Niobium	Nb %	1.000 max.		
Lead	Pb %	0.030 max.		
Zinc	Zn %	0.500 max.		
Silicon	Si %	0.100 max.		
Manganese	Mn %	1.000 - 1.500		
Iron	Fe %	1.000 - 1.800		
Nickel	Ni %	9.000 - 11.000		
Copper	Cu %	84.500 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 280 min. Yield Strength in Mpa 120 min. Elongation in % 20 min. Reduction of Area in % - Hardness in HBW 70 min. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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