

Material: BS EN 1982 CuAl10FeNi5-B (CB333G)

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.		
Nickel	Ni %	4.000 - 6.000	Mechanical Properties	
Iron	Fe %	4.000 - 5.500	Tensile Strength in Mpa	600 min.
Aluminium	Al %	8.500 - 10.500	Yield Strength in Mpa	250 min.
Copper	Cu %	76.000 - 83.000	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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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