

Material: IS 1897 CuCATH-O

Standard Specification for Copper Strip for Electrical Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 1897 Copper Strip for Electrical Purposes

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

Belongs to the Industry: Strip

Chemical Composition			Heat Treatment	
Bismuth	Bi %	0.001 max.	As-Cast	
Other	Ot%	0.030 max.		
Lead	Pb %	0.005 max.		
Cu + Ag	Cu% + Ag%	99.900 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	154.5 - 698.2
-	-	-	Yield Strength in Mpa	54.5 - 366.7
-	-	-	Elongation in %	35 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	60 min.
-	-	-	Impact in Joule	35. 5 - 131.9 @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Cu-ETP	IS	India	Ingots and Castings
CuCATH-HB	IS	India	Strip
CuCATH-HD	IS	India	Strip
Cu FRHC	IS	India	Ingots and Castings
CuETP-HA	IS	India	Plate, Sheet, Strip and Foils
CuETP-HB	IS	India	Strip
C 101	BS	British	Rod and Section

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