

## **Material: IS 1897 CuETP-HB**

## 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*

### Heat Treatment

Heat Treatment	As-Cast	Heat-Treated
Low	100	120
Medium	95	130
High	80	140

As-Cast

Mechanical Properties	
Tensile Strength in Mpa	245 - 250
Yield Strength in Mpa	-
Elongation in %	10 - 15
Reduction of Area in %	-
Hardness in HV	75 - 90
Impact in Joule	-

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

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