



**GRAVITY CAST PVT. LTD.**  
GRAVITY GROUP OF COMPANIES

## 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

Chemical Composition			Heat Treatment	
Bismuth	Bi %	0.001 max.	As-Cast	
Other	Ot%	0.030 max.		
Oxygen	O %	0.045 max.		
Lead	Pb %	0.005 max.		
Cu + Ag	Cu% + Ag%	99.900 min.		
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-	-	-	<b>Mechanical Properties</b> 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      -	
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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

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

**ONE STOP SOLUTION FOR METAL PARTS**