

Material: IS 1897 CuETP-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	
Oxygen	O %	0.045 max.		
Other	Ot%	0.030 max.		
Lead	Pb %	0.005 max.		
Cu + Ag	Cu% + Ag%	99.900 min.		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	195 - 250
			Yield Strength in Mpa	-
			Elongation in %	30 - 35
			Reduction of Area in %	-
			Hardness in HV	55 - 60
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Cu-FRHC	IS	India	Ingot and Casting
CuETP-HA	IS	India	Plate, Sheet, Strip and Foils
Cu ETP	IS	India	Ingot and Casting
CuETP-HB	IS	India	Strip
CuETP-HD	IS	India	Strip
C 102	BS	British	Rod and Section
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