

## Material: IS 9713 ETP

### Standard Specification for Hot Rolled Electrolytic Copper Wire Rod for Electrical Conductor

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 9713 Hot Rolled Electrolytic Copper Wire Rod for Electrical Conductor

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

**Grade Belongs to the Industry:** Wire and Rod

Chemical Composition			Heat Treatment	
Lead	Pb %	0.005 max.	As Raw	
Oxygen	O %	0.045 max.		
Copper + Silver	Cu% + Ag%	99.90 min.		
-	-	-		
-	-	-		
-	-	-		
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			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	200 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	46 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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