

## **Material: BS 2874 C 102**

## Standard Specification for Copper and Copper Alloy Rods and Sections

### **Group: Non-Ferrous Copper Alloy**

### **Sub Group: BS 2874 Copper and Copper Alloy Rods and Sections**

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

### **Belongs to the Industry: Rod and Section**

### 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	154.5 - 698.2
Yield Strength in Mpa	54.5 - 366.7
Elongation in %	4 - 45
Reduction of Area in %	-
Hardness in HV	50 - 100
Impact in Joule	35. 5 - 131.9 @ RT

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
CuETP-O	IS	India	Strip
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