

Material: JIS C 1100 W

Standard Specification for Copper and Copper Alloy Rod for Free Machining Purpose

Group: Non Ferrous Copper Alloys

Sub Group: JIS C 1100 W Copper and Copper Alloy Rod for Free Machining Purpose

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

Grade Belongs to the Industry: Rod

| Chemical Composition | | | Heat Treatment | |
|----------------------|------|-------------|--|--|
| Copper | Cu % | 99.900 min. | As Raw or Solution Heat Treated | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | Mechanical Properties Tensile Strength in Mpa 154.5 - 698.2 Yield Strength in Mpa 54.5 - 366.7 Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - Impact in Joule 35.5 - 131.9 J @ RT | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| EN 12164 CuTeP | DIN | Germany | Rod |
| SF-CuTe | DIN | Germany | Rod |
| CuTe(P) | ISO | International | Rod |
| C 109 | BS | British | Rod |
| CuTeP | EN | European Union | Rod |
| CW118C | EN | European Union | Rod |
| 2.1546 | DIN | Germany | Rod |

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