



Material - UNE CW406J

Standard Specification for Copper and Copper Alloy Rod

Group - Non Ferrous Copper Alloys

Sub Group - UNE CW406J Copper and Copper Alloy Rod

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

Grade Belongs to the Industry - Rod

| Chemical Composition | | | Heat Treatment | |
|----------------------|------|-----------------|--|--|
| Iron | Fe % | 0.300 max. | As Raw or Solution Heat Treated | |
| Manganese | Mn % | 0.500 max. | | |
| Nickel | Ni % | 11.000 - 13.000 | | |
| Lead | Pb % | 0.500 - 1.500 | | |
| Tin | Sn % | 0.200 max. | | |
| Other | Ot % | 0.200 max. | | |
| Copper | Cu % | 56.000 - 58.000 | | |
| Zinc | Zn % | Balance | Mechanical Properties Tensile Strength in Mpa 420 min. Yield Strength in Mpa 260 min. Elongation in % 6 min. Reduction of Area in % - Hardness in BHN 110 - 180 Impact in Joule - | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|---------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| CuNi12Zn30Pb1 | DIN | Germany | Rod |
| Ns5712Pb | DIN | Germany | Rod |
| 2.078 | DIN | Germany | Rod |
| CuNi12Zn30Pb1 | BS | British | Rod |
| CW406J | BS | British | Rod |
| CuNi12Zn30Pb1 | UNE | Spain | Rod |
| CW406J | NS | Norway | Rod |

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

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