



Material - ONORM CW600N

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

Group - Non Ferrous Copper Alloys

Sub Group - ONORM CW600N 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 | |
|----------------------|------|-----------------|--|--|
| Aluminium | Al % | 0.050 max. | As Raw or Solution Heat Treated | |
| Iron | Fe % | 0.100 max. | | |
| Nickel | Ni % | 0.300 max. | | |
| Lead | Pb % | 0.800 - 1.600 | | |
| Tin | Sn % | 0.100 max. | | |
| Other | Ot % | 0.100 max. | | |
| Copper | Cu % | 62.500 - 64.000 | | |
| Zinc | Zn % | Balance | | |
| - | - | - | Mechanical Properties Tensile Strength in Mpa 290 - 540 Yield Strength in Mpa 95.2 min. Elongation in % 5 min. Reduction of Area in % 61 min. Hardness in HV 60 - 170 Impact in Joule - | |
| - | - | - | | |
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| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| EN 12164 CuZn35Pb1 | DIN | Germany | Rod |
| C 3501 W | JIS | Japan | Rod |
| CuZn35Pb1 | ONORM | Australia | Rod |
| CuZn35Pb1 | EN | European Union | Rod |
| CW600N | EN | European Union | Rod |
| CuZn35Pb1 | AFNOR NF | France | Rod |
| CW600N | AFNOR NF | France | 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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