

## Material: ASTM B981 C37700

## Standard Specification for Low Leaded Brass Rod, Bar, Wire and Shapes

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

## **Sub Group: ASTM B981 Low Leaded Brass Rod, Bar, Wire and Shapes**

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

### **Belongs to the Industry: Rod, Bar, Wire and Shapes**

## Heat Treatment

| Mechanical Properties   |           |
|-------------------------|-----------|
| Tensile Strength in Mpa | 310 - 430 |
| Yield Strength in Mpa   | 135 - 190 |
| Elongation in %         | 10 - 25   |
| Reduction of Area in %  | -         |
| Hardness in BHN         | -         |
| Impact in Joule         | -         |

| Cross Reference Table |          |           |                              |
|-----------------------|----------|-----------|------------------------------|
| Material              | Standard | Country   | Grade Belong to the Industry |
| CuZn39Pb2             | UNI      | Italy     | Plate, Sheet and Strip       |
| CW612N                | UNI      | Italy     | Forging                      |
| CW612N                | ONORM    | Australia | Forging                      |
| B283 C37700           | ASTM     | USA       | Forging                      |
| SB-283 C37700         | ASME     | USA       | Forging                      |
| CA377                 | SAE      | USA       | Forging                      |
| C37700                | UNS      | USA       | Rod, Bar, Tube and Shapes    |

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