



Material - UNE EN 1982 CC752S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - UNE 1982 Copper and Copper Alloys - Ingots and Castings

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

Grade Belongs to the Industry - Ingot and Casting

| Chemical Composition | | | Heat Treatment | |
|----------------------|-----------|-----------------|-------------------------|-----------|
| Aluminium | Al % | 0.300 - 0.700 | As-Cast | |
| Arsenic | As % | 0.040 - 0.140 | | |
| Iron | Fe % | 0.300 max. | | |
| Manganese | Mn % | 0.100 max. | | |
| Nickel | Ni % | 0.200 max. | | |
| Lead | Pb % | 1.500 - 2.200 | | |
| Antimony | Sb % | 0.140 max. | | |
| Sb + As | Sb% + As% | 0.140 max. | | |
| Silicon | Si % | 0.020 max. | | |
| Tin | Sn % | 0.300 max. | | |
| Copper | Cu % | 61.500 - 64.500 | Mechanical Properties | |
| Zinc | Zn % | Balance | Tensile Strength in Mpa | 280 - 330 |
| - | - | - | Yield Strength in Mpa | 120 - 250 |
| - | - | - | Elongation in % | 1.5 - 10 |
| - | - | - | Reduction of Area in % | - |
| - | - | - | Hardness in HB | 70 - 110 |
| - | - | - | Impact in Joule | - |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| CB752S | BS | British | Ingot and Casting |
| CC752S | UNI | Italy | Ingot and Casting |
| CC752S | CSN | Czech Republic | Ingot and Casting |
| CC752S | BDS | Bulgaria | Ingot and Casting |
| CC752S | ONORM | Australia | Ingot and Casting |
| CC752S | PN | Poland | Ingot and Casting |
| CC752S | MSZ | Hungary | Ingot and Casting |

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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