

Material: ONORM EN 1982 CuSn15As-B

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ONORM EN 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 % | 0.010 max. | As-Cast | |
| Arsenic | As % | 0.060 - 0.150 | | |
| Iron | Fe % | 0.150 max. | | |
| Manganese | Mn % | 0.100 max. | | |
| Nickel | Ni % | 0.100 max. | | |
| Lead | Pb % | 0.500 max. | | |
| Silicon | Si % | 0.020 max. | | |
| Tin | Sn % | 0.300 max. | | |
| Copper | Cu % | 83.000 - 87.500 | | |
| Zinc | Zn % | Balance | Mechanical Properties | |
| - | - | - | Tensile Strength in Mpa | 160 min. |
| - | - | - | Yield Strength in Mpa | 70 min. |
| - | - | - | Elongation in % | 20 min. |
| - | - | - | Reduction of Area in % | - |
| - | - | - | Hardness in HB | 45 min. |
| - | - | - | Impact in Joule | - |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| CC760S | BS | British | Ingot and Casting |
| CB760S | ONORM | Australia | Ingot and Casting |
| CB760S | CSN | Czech Republic | Ingot and Casting |
| CB760S | AFNOR NF | France | Ingot and Casting |
| CB760S | DIN | Germany | Ingot and Casting |
| CuSn15As-B | AFNOR NF | France | Ingot and Casting |
| CuSn15As-B | DIN | Germany | Ingot and Casting |

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