

Material: AFNOR NF EN 1982 CB493K

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: AFNOR NF 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 | |
| Iron | Fe % | 0.200 max. | | |
| Nickel | Ni % | 2.000 max. | | |
| Phosphorus | P % | 0.030 max. | | |
| Lead | Pb % | 5.200 - 8.000 | | |
| Sulphur | S % | 0.080 max. | | |
| Antimony | Sb % | 0.300 max. | | |
| Silicon | Si % | 0.010 max. | | |
| Tin | Sn % | 6.200 - 8.000 | | |
| Zinc | Zn % | 2.300 - 5.000 | Mechanical Properties Tensile Strength in Mpa 260 min. Yield Strength in Mpa 120 min. Elongation in % 12 min. Reduction of Area in % - Hardness in HB 70 min. Impact in Joule - | |
| Cu + Ni | Cu%+Ni% | 81.000 - 84.500 | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| CC493K | BS | British | Tube |
| CB493K | ONORM | Australia | Ingot and Casting |
| CuSn7Zn4Pb7-B | UNE | Spain | Ingot and Casting |
| CB493K | CSN | Czech Republic | Ingot and Casting |
| CuSn7Zn4Pb7-B | SFS | Finland | Ingot and Casting |
| CuSn7Zn4Pb7-B | DIN | Germany | Ingot and Casting |
| CB493K | UNI | Italy | Ingot and Casting |

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