

Material: AFNOR NF EN 1982 CB755S

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 % | 0.400 - 0.650 | As-Cast | |
| Iron | Fe % | 0.050 - 0.200 | | |
| Manganese | Mn % | 0.050 max. | | |
| Nickel | Ni % | 0.200 max. | | |
| Lead | Pb % | 1.200 - 1.700 | | |
| Silicon | Si % | 0.030 max. | | |
| Tin | Sn % | 0.300 max. | | |
| Copper | Cu % | 59.000 - 60.500 | | |
| Zinc | Zn % | Balance | Mechanical Properties | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| | | | Tensile Strength in Mpa | - |
| | | | Yield Strength in Mpa | - |
| | | | Elongation in % | - |
| | | | Reduction of Area in % | - |
| | | | Hardness in BHN | - |
| | | | Impact in Joule | - |

| Cross Reference Table | | | |
|-----------------------|----------|----------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| CC755S | BS | British | Ingot and Casting |
| CB755S | DIN | Germany | Ingot and Casting |
| CB755S | ONORM | Australia | Ingot and Casting |
| CB755S | MSZ | Hungary | Ingot and Casting |
| CuZn39Pb1AIB-B | UNI | Italy | Ingot and Casting |
| CuZn39Pb1AIB-B | CSN | Czech Republic | Ingot and Casting |
| CuZn39Pb1AIB-B | UNE | Spain | Ingot and Casting |

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