

Material: BS EN 1982 CB754S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: BS 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 | | |
|----------------------|---------|-----------------|
| Aluminium | Al % | 0.100 - 0.800 |
| Iron | Fe % | 0.700 max. |
| Manganese | Mn % | 0.500 max. |
| Nickel | Ni % | 1.000 max. |
| Phosphorus | P % | 0.020 max. |
| Lead | Pb % | 0.500 - 2.400 |
| Silicon | Si % | 0.050 max. |
| Tin | Sn % | 1.000 max. |
| Cu + Ni | Cu%+Ni% | 58.000 - 62.000 |
| Zinc | Zn % | Balance |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |

| Heat Treatment |
|----------------|
| As-Cast |

| 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 |
| CC754S | BS | British | Ingot and Casting |
| CB754S | AFNOR NF | France | Ingot and Casting |
| CB754S | ONORM | Australia | Ingot and Casting |
| CB754S | UNI | Italy | Ingot and Casting |
| CuZn39Pb1Al-B | UNE | Spain | Ingot and Casting |
| CuZn39Pb1Al-B | CSN | Czech Republic | Ingot and Casting |
| CuZn39Pb1Al-B | MSZ | Hungary | Ingot and Casting |

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