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"more than a metal recycler"

High Strength Copper Nickel

Information:

DEF STAN 02-835 is a high strength copper nickel alloy with high corrosion resistance and is well suited to seawater and marine environments due to offering good resistance to biofouling.

Typical Uses:

Valves, fasteners, pumps, shafts, pipes, offshore applications

Type:

Wrought – 2" Dia upwards

Specifications:

NES 835 / Def Stan 02-835
C72420

Nominal Chemical Composition:

| | Cu | Al | Fe | Ni | Mn | Cr | Impurities |
|---|-----|---------|---------|-----------|---------|---------|------------|
| % | BAL | 1.0-2.0 | 0.7-1.2 | 13.5-16.5 | 3.5-5.5 | 0.5 Max | 0.30 Max |

Typical Minimum Mechanical Properties:

| | |
|---------------------------------------|------|
| Tensile Strength (N/mm ²) | ≥710 |
| Proof Stress (0.2% Proof) | ≥400 |
| Elongation (%) | ≥18 |
| Izod Impact (joules) | ≥40 |

CF Booth can manufacture material to customer defined specifications. Simply contact us today to discuss your own requirements on:
Tel: 01709 857622. Fax: 01709 562979 Email: alloys@cfbooth.com .

The information provided above is used purely for an advisory purpose only and is most likely a generic overview of the particular size & specification of material given. If you have any questions relating to the above, please do not hesitate to contact us.