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“more than a metal recycler”

Nickel Aluminium Bronze

Information:

Nickel Aluminium Bronze is well known for its strength, corrosion resistance and fatigue capabilities. Used often on parts where safety is critical and most commonly in the marine and aerospace industries.

Typical Uses:

Valves, Ship Propellers, Bearings, Bushes, Hydraulic Bushings, Crusher Bearings, Couplings, Valve Balls, Shafts, Heat Exchangers, Condenser Tubes.

Type:

Ingots / Machined Billets / Machined Slabs / Wrought

Specifications:

BS 2874 CA104
EN 12420 - CW307G
CuAl10Ni5Fe4
NES 833 Part 2 / Def Stan 02-833 Part 2
DGS 1043
BS B23
DTD 197A
DIN 17665
ASTM B150 – ASTM B171 – C63000

Typical Chemical Composition:

	Cu	Al	Ni	Fe	Mn	Impurities
%	BAL	9.0-9.5	4.7-5.0	4.0-4.5	0.3-0.5	0.5 Max

Typical Minimum Mechanical Properties:

Tensile Strength (N/mm ²)	620
Proof Stress (0.2% Proof)	245
Elongation (%)	15
Izod Impact (joules)	23

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.