

Copper and Copper Alloys

ASNA 3406G

An Aluminium Bronze alloy formulated specifically for use on the Airbus A380 programme.

CHEMICAL COMPOSITION

Manufacturer's Information	
Element	% Present
Aluminium (Al)	8 - 11
Nickel (Ni)	4 - 6
Iron (Fe)	4 - 6
Manganese (Mn)	0.3 typical
Copper (Cu)	Balance

ALLOY DESIGNATIONS

This specification covers material in copper alloy Cu Al 10 Ni (U-A10 N) in use condition M

TEMPER TYPES

As Manufactured

SUPPLIED FORMS

Round Bar in full length or billeted/cut to length is supplied in sizes up to 280mm diameter.

- Bar
- Rod

GENERIC PHYSICAL PROPERTIES

Property	Value
Density	7.5 g/cm ³

MECHANICAL PROPERTIES

Manufacturer's Information	
Property	Value
Proof Stress	245-530 MPa
Tensile Strength	650-805 MPa
Elongation A50 mm	10-17 %
Hardness Brinell	179-240 HB

CONTACT

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REVISION HISTORY

Datasheet Updated 28 February 2014

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