

AMS 4616

Chemical Properties

Element	Chemical Composition %
Copper (Cu)	90
Iron (Fe)	1.0 - 2.0 max
Manganese (Mn)	1.0 max
Silicon (Si)	2.4 - 4.0 max
Zinc (Zn)	1.5 - 4.0 max

Mechanical Properties

Property	Value
Tensile Strength (ksi)	56
Yield Strength in Comp. (ksi)	20
Elongation in HD Min	30%
Brinell (3000 kg)	55

Disclaimer

This data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

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