

Alloy 718 is a Nickel-Chromium based Superalloy

CHEMICAL COMPOSITION

| Element | % Present |
|--------------------------|-------------|
| Nickel (Ni) | 50 - 55 |
| Chromium (Cr) | 17 - 21 |
| Niobium (Columbium) (Nb) | 4.75 - 5.5 |
| Molybdenum (Mo) | 2.8 - 3.3 |
| Aluminium (Al) | 0.65 - 1.15 |
| Copper (Cu) | 0.2 - 0.8 |
| Iron (Fe) | Balance |

This details the main elements only

SUPPLIED FORMS

Please contact us with your requirements

CONTACT

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REVISION HISTORY

Datasheet Updated 15 January 2019

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.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

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

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