

SPECIFICATIONS

Commercial 321

CHEMICAL COMPOSITION

ASTM A240
S32100 Sheet

Element	% Present
Chromium (Cr)	17 - 19
Nickel (Ni)	9 - 12
Manganese (Mn)	2 max
Silicon (Si)	0.75 max
Nitrogen (N)	0.1 max
Carbon (C)	0.08 max
Titanium (Ti)	0.07 max
Phosphorous (P)	0.04 max
Sulphur (S)	0.03 max
Iron (Fe)	Balance

SUPPLIED FORMS

- Sheet

MECHANICAL PROPERTIES

ASTM A240
Sheet

Property	Value
Proof Stress	205 Min MPa
Tensile Strength	515 Min MPa
Elongation A50 mm	35 Min %

CONTACT

Address: Please make contact directly with your local service centre, which can be found via the Locations page of our web site
Web: www.aalco.co.uk

REVISION HISTORY

Datasheet Updated 14 November 2018

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.

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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