

SPECIFICATIONS

Commercial 347

CHEMICAL COMPOSITION

ASTM A240
S34700 Sheet

| Element | % Present |
|-----------------------------|---------------|
| Chromium (Cr) | 17.00 - 19.00 |
| Nickel (Ni) | 9.00 - 13.00 |
| Manganese (Mn) | 0.0 - 2.00 |
| Niobium (Columbium) (Nb) | 0.0 - 1.00 |
| Silicon (Si) | 0.0 - 0.75 |
| Carbon (C) | 0.0 - 0.08 |
| Phosphorous (P) | 0.0 - 0.04 |
| Sulphur (S) | 0.0 - 0.03 |
| Iron (Fe) | Balance |

ALLOY DESIGNATIONS

Grade 347 Stainless Steel
S34700
EN 1.4550

SUPPLIED FORMS

- Sheet

MECHANICAL PROPERTIES

ASTM A240
Sheet

| Property | Value |
|-------------------|-------------|
| Proof Stress | 205 Min MPa |
| Tensile Strength | 515 Min MPa |
| Elongation A50 mm | 40 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.

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