

## SPECIFICATIONS

Commercial 317

## CHEMICAL COMPOSITION

ASTM A240  
S31700 Sheet and Plate

| Element         | % Present |
|-----------------|-----------|
| Chromium (Cr)   | 18 - 20   |
| Nickel (Ni)     | 11 - 15   |
| Molybdenum (Mo) | 3 - 4     |
| Manganese (Mn)  | 2 max     |
| Silicon (Si)    | 0.75 max  |
| Nitrogen (N)    | 0.1 max   |
| Carbon (C)      | 0.08 max  |
| Phosphorous (P) | 0.04 max  |
| Sulphur (S)     | 0.03 max  |
| Iron (Fe)       | Balance   |

## SUPPLIED FORMS

- Plate
- Sheet

## MECHANICAL PROPERTIES

ASTM A240

| 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](http://www.aalco.co.uk)

## REVISION HISTORY

Datasheet Updated 14 November 2018

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