

# 5842

also listed as R30159

Chemical composition, mechanical and physical property values, and 4 standard designations from 2 regions.

| OTHER DESIGNATIONS | PROPERTY VALUES |
|--------------------|-----------------|
| 4 in 2 regions     | 0 on file       |

Chemical composition

Mass fraction in %

No chemical composition is on file for this material number.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: C, Mn, Si, Ni, Cr, Mo.

| Designations across standards |     | 4 designations · 1 documented as identical |
|-------------------------------|-----|--------------------------------------------|
| United States / Aerospace     | 3   | United States1                             |
| 5841                          | ams | R30159 This grade's own nameuns            |
| 5842                          | ams |                                            |
| 5843                          | ams |                                            |

**Note on use.** The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about 5842

Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

| DATASHEET ONLINE       | GRADE SEARCH      | MATERIAL NO. | ISSUED       |
|------------------------|-------------------|--------------|--------------|
| View the material page | Search all grades | —            | Aug 15, 2026 |