

MATERIAL NUMBER EN-JL1060

0135-00

Material no. EN-JL1060

also listed as EN-GJL-350

Chemical composition, mechanical and physical property values, and 35 standard designations from 21 regions.

|                                   |                                        |                              |
|-----------------------------------|----------------------------------------|------------------------------|
| DENSITY<br>7.85 g/cm <sup>3</sup> | OTHER DESIGNATIONS<br>35 in 21 regions | PROPERTY VALUES<br>2 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.

Mechanical properties

2 values across 1 conditions

| CONDITION · DIMENSION | RM<br>N/mm <sup>2</sup> | HB      |
|-----------------------|-------------------------|---------|
| Casting, GOST 1412-85 | 350                     | —       |
| GOST 1412-85          | —                       | 179–290 |

Physical properties

2 values

| CONDITION · DIMENSION | RHO<br>g/cm <sup>3</sup> | E<br>GPa | ALPHA<br>10 <sup>−6</sup> /K | LAMBDA<br>W/(m·K) | CP<br>J/(kg·K) |
|-----------------------|--------------------------|----------|------------------------------|-------------------|----------------|
| 20                    | 7.4                      | 140      | —                            | 42                | —              |
| 100                   | —                        | —        | 11                           | —                 | 545            |

| PROPERTY | VALUE | UNIT              |
|----------|-------|-------------------|
| Density  | 7.85  | g/cm <sup>3</sup> |
| nu       | 0.26  |                   |

## Designations across standards

35 designations · 3 documented as identical

|                                               |          |                                |        |
|-----------------------------------------------|----------|--------------------------------|--------|
| <b>United States</b>                          | 3        | <b>Austria</b>                 | 2      |
| F13501 <span>This grade's own name</span>     | uns      | GG35                           | onorm  |
| Class50B                                      | aisi-sae | GG350                          | onorm  |
| No 50 B                                       | aisi-sae |                                |        |
| <b>United Kingdom</b>                         | 3        | <b>Spain</b>                   | 1      |
| 350                                           | bs       | FG35                           | une    |
| 350/22                                        | bs       | <b>International</b>           | 1      |
| Grade 350                                     | bs       | 350                            | iso    |
| <b>France</b>                                 | 3        | <b>China</b>                   | 1      |
| FGL350                                        | afnor    | HT350                          | gb     |
| Ft 35 D                                       | afnor    |                                |        |
| Ft35                                          | afnor    | <b>Czechia</b>                 | 1      |
| <b>Sweden</b>                                 | 3        | 422435                         | csn    |
| 0135                                          | ss       | <b>Latin America</b>           | 1      |
| 0135-00                                       | ss       | FG350                          | copant |
| O135                                          | ss       |                                |        |
| <b>Europe</b>                                 | 2        | <b>Hungary</b>                 | 1      |
| EN-GJL-350 <span>This grade's own name</span> | din-en   | OV35                           | msz    |
| GG-35 <span>This grade's own name</span>      | din-en   | <b>Romania</b>                 | 1      |
| <b>Japan</b>                                  | 2        | FC350                          | stas   |
| FC35                                          | jis      | <b>Australia / New Zealand</b> | 1      |
| FC350                                         | jis      | T350                           | as-nzs |
| <b>Russia / CIS</b>                           | 2        | <b>Bulgaria</b>                | 1      |
| SCH35                                         | gost     | Vch35                          | bds    |
| C435                                          | gost     |                                |        |
| <b>Italy</b>                                  | 2        | <b>Belgium</b>                 | 1      |
| FC35                                          | uni      | FGG35                          | nbn    |
| G35                                           | uni      | <b>Netherlands</b>             | 1      |
| <b>Poland</b>                                 | 2        | GG35                           | nen    |
| Z135                                          | pn       |                                |        |
| ZI350                                         | pn       |                                |        |

**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 0135-00**  
Quotation, availability, mill certificate or a technical question — directly on the material page.

**Start an enquiry**

**DATASHEET ONLINE**  
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**GRADE SEARCH**  
Search all grades

**MATERIAL NO.**  
EN-JL1060

**ISSUED**  
Aug 20, 2026