

## MATERIAL NUMBER EN-JM1130

# Zcc35010

## Material no. EN-JM1130

also listed as EN-GJMB-350-10

Chemical composition, mechanical and physical property values, and 13 standard designations from 11 regions.

| DENSITY                       | OTHER DESIGNATIONS      | PROPERTY VALUES  |
|-------------------------------|-------------------------|------------------|
| <b>7.85</b> g/cm <sup>3</sup> | <b>13</b> in 11 regions | <b>1</b> 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

3 values across 1 conditions

| CONDITION · DIMENSION | RM<br>N/mm <sup>2</sup> | A5<br>% | HB      |
|-----------------------|-------------------------|---------|---------|
| Casting, GOST 1215-79 | 333                     | 10      | —       |
| GOST 1215-79          | —                       | —       | 100–163 |

### Physical properties

1 values

| CONDITION · DIMENSION | E<br>GPa |                   |
|-----------------------|----------|-------------------|
| 20                    | 166      |                   |
| PROPERTY              | VALUE    | UNIT              |
| Density               | 7.85     | g/cm <sup>3</sup> |

## Designations across standards

13 designations · 2 documented as identical

|                                                   |          |                |       |
|---------------------------------------------------|----------|----------------|-------|
| <b>Europe</b>                                     | 2        | <b>Japan</b>   | 1     |
| EN-GJMB-350-10 <span>This grade's own name</span> | din-en   | FCMB35         | jis   |
| GTS-35-10 <span>This grade's own name</span>      | din-en   |                |       |
| <b>Russia / CIS</b>                               | 2        | <b>Italy</b>   | 1     |
| KCH35-10                                          | gost     | B35-10         | uni   |
| K435-10                                           | gost     |                |       |
| <b>United States</b>                              | 1        | <b>Sweden</b>  | 1     |
| 32510                                             | aisi-sae | 0815-00        | ss    |
| <b>United Kingdom</b>                             | 1        | <b>Czechia</b> | 1     |
| B35-12                                            | bs       | 422533         | csn   |
| <b>France</b>                                     | 1        | <b>Poland</b>  | 1     |
| MM35-10                                           | afnor    | Zcc35010       | pn    |
|                                                   |          | <b>Austria</b> | 1     |
|                                                   |          | GTS-350        | onorm |

**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 Zcc35010

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

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## ISSUED

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