



**STANDARD**

**CLASSIFICATION**

**FEATURES**

|  |                 |   |
|--|-----------------|---|
| <b>EN ISO 16120-4:2017</b>   |                 | <b>C26D2 - Nr. 1.1139</b>                     |
| Non Alloy Steel Wire Rod For Conversion to Wire - general purpose wire rod | Non Alloy Steel | Steels with average C < 0,12% or Rm < 400 MPa |

**CHEMICAL ANALYSIS**

| C                 | Si                | Mn                | P        | S         | Cr       | Other         |
|-------------------|-------------------|-------------------|----------|-----------|----------|---------------|
| from 0,24 to 0,29 | from 0,10 to 0,30 | from 0,50 to 0,70 | 0,02 max | 0,025 max | 0,10 max | N - 0,007 max |
| Mo                | Ni                | B                 | Cu       | Al        | Pb       |               |
| 0,05 max          | 0,10 max          | -                 | 0,15 max | 0,01 max  | -        |               |

**MECHANICAL PROPERTIES**

| Diameter |    | As Hot Rolled (+U) or Rolled and peeled (+U +PE) |           | Annealed (+AC) or Annealed + Peeled (+AC +PE) |           | Cold Drawn (+U +C) |           | Cold Drawn and Annealed (+U +C +AC) |           | Cold Drawn then Annealed and Skin passed (+U +C +AC + LC) |           | Annealed and Cold Drawn (+AC +C) |           |
|----------|----|--|-----------|---|-----------|--------------------|-----------|-------------------------------------|-----------|---|-----------|----------------------------------|-----------|
| from     | to | Rm (Mpa) max                                     | Z (%) min | Rm (Mpa) max                                  | Z (%) min | Rm (Mpa) max       | Z (%) min | Rm (Mpa) max                        | Z (%) min | Rm (Mpa) max  | Z (%) min | Rm (Mpa) max                     | Z (%) min |
| 2        | 60 | -  | -         | -   | -         | -                  | -         | -                                   | -         | -   | -         | -                                | -         |

In case of specific needs, contact our sales offices to evaluate feasibility and agree on the values of Rm.

**EQUIVALENT STEEL GRADES**

| EUROPE (EN) | GERMANY (DIN,WNr) | FRANCE (AFNOR) | ITALY (UNI) | CHINA (GB)  | FINLAND (SFS) | INTERN (ISO) |
|-------------|-------------------|----------------|-------------|-------------|---------------|--------------|
| C26D2       | C26D2             | FM 26          | C26 D 2     | -           | -             | -            |
| USA (SAE)   | JAPAN (JIS)       | UK (BS)        | SPAIN (UNE) | SWEDEN (SS) | RUSSIA (GOST) |              |
| -           | -                 | -              | -           | -           | -             |              |

Data contained in this document are intended for reference only and may be subject to continuous changes.

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