



# SIDERMARCA

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|                                                                                                                                                                                                               |        |                           |                        |                           |       |                              |       |          |        |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------|------------------------|---------------------------|-------|------------------------------|-------|----------|--------|------|
| A06 - Customer:                                                                                                                                                                                               |        | <b>KROKAR D.O.O.</b>      |                        | SPODNJI PLAVZ 28          |       | 4270 - JESENICE              |       | SLOVENIA |        |      |
| A02 - Type of inspection document                                                                                                                                                                             |        |                           |                        | A03 - Document number     |       | Z02 - Date of issue          |       |          |        |      |
| Values of the Certificate of Control 3.1 according to EN 10204:2004 Manufacturer                                                                                                                              |        |                           |                        | CRT2400018816             |       | 10/12/2025                   |       |          |        |      |
| B02 - Grade - B03 - Execution - B01 - Section                                                                                                                                                                 |        |                           |                        |                           |       |                              |       |          |        |      |
| <b>S355J2+AR Hot Rolled Round</b>                                                                                                                                                                             |        |                           |                        |                           |       |                              |       |          |        |      |
| B02 - Standard of reference ( edition in force at the date of the order)                                                                                                                                      |        |                           |                        |                           |       |                              |       |          |        |      |
| <b>EN 10025-2/04</b>                                                                                                                                                                                          |        |                           |                        |                           |       |                              |       |          |        |      |
| B09 - Size [mm]                                                                                                                                                                                               |        | B03 - Tolerance           |                        | B04 - Delivery condition  |       | B05 - Heat treatment         |       |          |        |      |
| 330                                                                                                                                                                                                           |        | EN 10060                  |                        | +AR                       |       | As rolled                    |       |          |        |      |
| A09 - Customer article designation                                                                                                                                                                            |        |                           | B08 - Quantity         |                           |       | B10 - Length [mm]            |       |          |        |      |
|                                                                                                                                                                                                               |        |                           | [kg] 32                |                           |       | 45                           |       |          |        |      |
| B07 - Lot                                                                                                                                                                                                     |        | B07 - Heat                |                        | C70 - Steelmaking process |       |                              |       |          |        |      |
| L24020629                                                                                                                                                                                                     |        | 24E100333                 |                        |                           |       |                              |       |          |        |      |
| A07 - Your Order                                                                                                                                                                                              |        |                           | A08 - Our Confirmation |                           |       | A10 - Transport document NR. |       |          |        |      |
| 9-NAR-25-1135                                                                                                                                                                                                 |        |                           | MRA2522882             |                           |       | MRA2510127 of 10/12/2025     |       |          |        |      |
| HEAT ANALYSIS                                                                                                                                                                                                 |        |                           |                        |                           |       |                              |       |          |        |      |
| C71                                                                                                                                                                                                           | C72    | C73                       | C74                    | C75                       | C76   | C77                          | C78   | C79      | C80    |      |
| C %                                                                                                                                                                                                           | Si %   | Mn %                      | P %                    | S %                       | Cr %  | Mo %                         | Ni %  | Cu %     | Al %   | CEV% |
| 0,2000                                                                                                                                                                                                        | 0,250  | 1,380                     | 0,0130                 | 0,0270                    | 0,320 | 0,0200                       | 0,020 | 0,0200   | 0,0270 | 0,50 |
| Mechanical properties                                                                                                                                                                                         |        |                           |                        |                           |       |                              |       |          |        |      |
| Tensile test according to standard EN-ISO 6892                                                                                                                                                                |        |                           |                        |                           |       |                              |       |          |        |      |
| C12 - Rm [MPa]                                                                                                                                                                                                |        | C11 - Re-Rp 0,2 (*) [MPa] |                        | C13 - A % 5d-L            |       | C14 - Z% L                   |       |          |        |      |
| 534,0                                                                                                                                                                                                         |        | 349,0                     |                        | 30,50                     |       | 64,0                         |       |          |        |      |
| * According to the reference standard                                                                                                                                                                         |        |                           |                        |                           |       |                              |       |          |        |      |
| Resilienza KV2 -20°C secondo la norma EN-ISO 148 / Impact test KV2 -20°C according to standard EN-ISO 148 / Kerbzähigkeit KV2 -20°C nach Standard EN-ISO 148 / Resilience KV2 -20°C Selon la norme EN-ISO 148 |        |                           |                        |                           |       |                              |       |          |        |      |
| KV2[J]                                                                                                                                                                                                        | KV2[J] | KV2[J]                    |                        |                           |       |                              |       |          |        |      |
| 147,0                                                                                                                                                                                                         | 136,0  | 136,0                     |                        |                           |       |                              |       |          |        |      |
| - Materiale controllato ad ultrasuoni cl.C SEP 1921                                                                                                                                                           |        |                           |                        |                           |       |                              |       |          |        |      |
| Remarks: ORIGINE CINA                                                                                                                                                                                         |        |                           |                        |                           |       |                              |       |          |        |      |

## Z01 - Remarks:

The product supplied complies with the requirements of the order.

This product complies with the Directive 2011/65/EU RoHS II

This product complies with the Regulation (EC) n. 1907/2006 REACH

Material free from radioactive contamination

A05 - Responsible for quality control

*Luca Perotto*