

- 1 Unique identification code of the product type: **S235J2-EN 10025-2**
- 2 Intended use: **Hot rolled profile for metal structures**
- 3 Manufacturer: **PRIVATE JOINT STOCK COMPANY «KAMET-STEEL»**
 Ukraine, 51925, Kamianske, Soborna str., 18B.
 Tel.: (0569) 58-91-49 E-mail: office.kamet-steel@metinvestholding.com
- 4 Authorised representative: **Not applicable**
- 5 System of AVCP: **System 2+**
- 6 a) Harmonised standard: **EN 10025-1**
 Notified body: **TÜV NORD Systems GmbH & Co. KG**
D-22525 Hamburg, NB-Ident-no. 0045
- 6 b) European Technical Assessment: **Not applicable**
- 7 Declared performance

| Essential characteristic | | Performance | Harmonised technical standards | |
|---|------------------------|------------------------------------|--------------------------------|-------|
| Characteristic | Nominal thickness (mm) | | | |
| Dimensions and shape | rolled section | EN 10056-1,2; DIN 1026-1; EN 10279 | EN 10025-1 EN 10025-2 | |
| | bars | EN 10060 | | |
| | wire rod | EN 10017 | | |
| Chemical composition, % max | C | 0,17 | | |
| | | $\le 16 \le 40$ | | 0,17 |
| | | > 40 | | 0,17 |
| | Mn | - | | 1.40 |
| | Si | - | | - |
| | S | - | | 0.025 |
| | P | - | | 0.025 |
| | N | - | | - |
| | Cu | - | | 0.55 |
| Yield strength, R_{eH} MPa (N/mm ²) min | | ≤ 16 | | 235 |
| | | $> 16 \le 40$ | | 225 |
| | | $> 40 \le 100$ | | 215 |
| | | $> 100 \le 150$ | | 195 |
| | | $> 150 \le 200$ | | 185 |
| | | $> 200 \le 250$ | 175 | |
| | | $> 250 \le 400$ | 165 | |
| Tensile strength, R_m MPa (N/mm ²) | | $\ge 3 \le 100$ | 360 - 510 | |
| | | $> 100 \le 150$ | 350 - 500 | |
| | | $> 150 \le 250$ | 340 - 490 | |
| | | $> 250 \le 400$ | 330-480 | |
| | | $\ge 3 \le 40$ | 26 | |
| Elongation, A_5 , % min | | $> 40 \le 63$ | 25 | |
| | | $> 63 \le 100$ | 24 | |
| | | $> 100 \le 150$ | 22 | |
| | | $> 150 \le 250$ | 21 | |
| | | $> 250 \le 400$ | 21 | |
| | | ≤ 250 | 27 | |
| Impact strength, KV_2 , Дж min | | > 250 | - | |
| | | ≤ 30 | 0,35 | |
| CEV, % max | | $> 30 \le 40$ | 0,35 | |
| | | $> 40 \le 150$ | 0,38 | |
| | | $> 150 \le 250$ | 0,40 | |
| | | > 250 | 0,40 | |
| Durability | | NPD | | |

8 Appropriate Technical Documentation: *Not applicable*

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Director of technology and quality

Igor Semion