

1 Unique identification code of the product type:

**S275J0 –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](mailto: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		Nominal thickness (mm)	Performance	Harmonised technical standards
Characteristic				
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	≤ 16 ≤ 40	0,18	
		> 40	0,18	
	Mn	-	1.50	
	Si	-	-	
	S	-	0.030	
	P	-	0.030	
	N	-	0.012	
	Cu	-	0.55	
Yield strength, R <sub>eH</sub> MPa (N/mm <sup>2</sup> ) min		≤ 16	275	
		> 16 ≤ 40	265	
		> 40 ≤ 63	255	
		> 63 ≤ 80	245	
		> 80 ≤ 100	235	
		> 100 ≤ 150	225	
		> 150 ≤ 200	215	
		> 200 ≤ 250	205	
		> 250 ≤ 400	195	
Tensile strength, R <sub>m</sub> MPa (N/mm <sup>2</sup> )		≥ 3 ≤ 100	410-560	
		> 100 ≤ 150	400-540	
		> 150 ≤ 250	380-540	
		> 250 ≤ 400	380-540	
Elongation, A <sub>5</sub> , % min		≥ 3 ≤ 40	23	
		> 40 ≤ 63	22	
		> 63 ≤ 100	21	
		> 100 ≤ 150	19	
		> 150 ≤ 250	18	
Impact strength, KV <sub>2</sub> , (0° C) Дж min		≤ 250	27	
		> 250	-	
CEV, % max		≤ 30	0,40	
		> 30 ≤ 40	0,40	
		> 40 ≤ 150	0,42	
		> 150 ≤ 250	0,44	
	> 250	0,44		
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

