

- 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
"DNIPROVSKYI COKE PLANT"
51901, Ukraine, Kamenskoye, Kõleusovskaya str., 1
Fax: +38 (0569) 56-79-83, E-mail: office.dkhz@metinvestholding.com; <https://dkhz.com.ua/>**
- 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		<i>rolled section</i>	<i>EN 10056-1,2; DIN 1026-1; EN 10279</i>	EN 10025-1 EN 10025-2
		<i>bars</i>	<i>EN 10060</i>	
		<i>wire rod</i>	<i>EN 10017</i>	
Chemical composition, % max	C	$\leq 16 > 40$	0.18	
	Mn	-	1.50	
	Si	-	-	
	S	-	0.030	
	P	-	0.030	
	N	-	0.012	
	Cu	-	0.55	
Yield strength, R_{eH} MPa (N/mm²) min		≤ 16	275	
		$> 16 \leq 40$	265	
		$> 40 \leq 63$	255	
		$> 63 \leq 80$	245	
Tensile strength, R_m MPa (N/mm²)		$\geq 3 \leq 100$	410- 560	
Elongation, A_5, % min		$\geq 3 \leq 40$	23	
		$> 40 \leq 63$	22	
		$> 63 \leq 100$	21	
Impact strength, KV_2, Дж min		≤ 150	27 (0°C)	
CEV, % max		≤ 30	0.40	
		$> 30 \leq 40$	0.40	
		$> 40 \leq 150$	0.42	
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:

Kamenskoye, 03.08.2021

The Declarations of Performance for download: <https://dkhz.com.ua>

Director of technology and quality

Igor Semion

