

- 1 Unique identification code of the product type: **S275JR –EN 10025-2**
- 2 Intended use: **Hot rolled profile for metal structures**
- 3 Manufacturer: **PRIVATE JOINT STOCK COMPANY
"DNIPROVSKYI COKE PLANT"
51901, Ukraine, Kamenskoye, Kòleusovskaya 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>	EN 10056-1,2; DIN 1026-1; EN 10279	EN 10025-1 EN 10025-2
		<i>bars</i>	EN 10060	
		<i>wire rod</i>	EN 10017	
Chemical composition, % max	C	$\leq 16 \leq 40$	0.21	
		> 40	0.22	
	Mn	-	1.50	
	Si	-	-	
	S	-	0.035	
	P	-	0.035	
	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 (20 °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:



Director of technology and quality

Igor Semion

Kamenskoye, 03.08.2021

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