

- 1 Unique identification code of the product type: **S235JR –EN 10025-2**
- 2 Intended use: Hot rolled profile for metal structures
- 3 Manufacturer: **PRIVATE JOINT STOCK COMPANY
"DNIPROVSKYI COKE PLANT"**
 51901, Ukraine, Kamenskoye, Koleusovskaya 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		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	0.17	
		> 40	0.20	
	Mn	-	1.40	
	Si	-	-	
	S	-	0.035	
	P	-	0.035	
	N	-	0.012	
	Cu	-	0.55	
Yield strength, R_{eH} MPa (N/mm ²) min		≤ 16	235	
		> 16 ≤ 40	225	
		> 40 ≤ 63	215	
		> 63 ≤ 80	215	
Tensile strength, R_m MPa (N/mm ²)		≥ 3 ≤ 100	360- 510	
Elongation, A_5 , % min		≥ 3 ≤ 40	26	
		> 40 ≤ 63	25	
		> 63 ≤ 100	24	
Impact strength, KV_2 , Дж min		≤ 150	27 (20°C)	
CEV, % max		≤ 30	0.35	
		> 30 ≤ 40	0.35	
		> 40 ≤ 150	0.38	
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>