

- 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 «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: *Not applicable*

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	≤ 16 ≤ 40 > 40		0.17 0.20
	Mn	-		1.40
	Si	-		-
	S	-		0.035
	P	-		0.035
	N	-		0.012
Yield strength, R_{eH} MPa (N/mm ²) min	Cu	-		0.55
	≤ 16	235		
	> 16 ≤ 40	225		
	> 40 ≤ 100	215		
	> 100 ≤ 150	195		
	> 150 ≤ 200	185		
	> 200 ≤ 250	175		
Tensile strength, R_m MPa (N/mm ²)	> 250 ≤ 400	165		
	≥ 3 ≤ 100	360 - 510		
	> 100 ≤ 150	350 - 500		
	> 150 ≤ 250	340 - 490		
	> 250 ≤ 400	330-480		
Elongation, A_5 , % min	≥ 3 ≤ 40	26		
	> 40 ≤ 63	25		
	> 63 ≤ 100	24		
	> 100 ≤ 150	22		
	> 150 ≤ 250	21		
Impact strength, KV_2 , Дж min	≤ 250	27		
	> 250	-		
CEV, % max	≤ 30	0,35		
	> 30 ≤ 40	0,35		
	> 40 ≤ 150	0,38		
	> 150 ≤ 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

Kamianske, 02.05.2022

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