

- 1 Unique identification code of the product type: **S355JR –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

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	≤ 16 ≤ 40	0,24	
	> 40	0,24	
	C	1.60	
	Mn	0.55	
	Si	0.035	
	S	0.035	
Yield strength, R _{eH} MPa (N/mm ²) min	P	0.012	
	N	0.55	
	Cu	355	
	≤ 16	345	
	> 16 ≤ 40	335	
	> 40 ≤ 63	325	
	> 63 ≤ 80	315	
	> 80 ≤ 100	295	
> 100 ≤ 150	285		
> 150 ≤ 200	275		
> 200 ≤ 250	265		
> 250 ≤ 400	470-630		
Tensile strength, R _m MPa (N/mm ²)	≥ 3 ≤ 100	450-600	
	> 100 ≤ 150	450-600	
	> 150 ≤ 250	450-600	
	> 250 ≤ 400	450-600	
Elongation, A ₅ , % min	≥ 3 ≤ 40	22	
	> 40 ≤ 63	21	
	> 63 ≤ 100	20	
	> 100 ≤ 150	18	
	> 150 ≤ 250	17	
	> 250 ≤ 400	17	
Impact strength, KV ₂ , Дж min	≤ 250	27	
	> 250	–	
CEV, % max	≤ 30	0,45	
	> 30 ≤ 40	0,47	
	> 40 ≤ 150	0,47	
	> 150 ≤ 250	0,54	
	> 250	0,49	
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