

1 Unique identification code of the product type:
 2 Intended use:

S355J2 –EN 10025-2
 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:
 5 System of AVCP
 6 a) Harmonised standard:
 Notified body:

 Not applicable
 System 2+
EN 10025-1
TÜV NORD Systems GmbH & Co. KG
D-22525 Hamburg, NB-Ident-no. 0045

 6 b) European Technical Assessment:
 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	≤ 16 ≤ 30	0,20	
	> 30	0,22	
	Mn	1.60	
	Si	0.55	
	S	0.025	
	P	0.025	
	N	-	
Yield strength, R _{eH} MPa (N/mm ²) min	≤ 16	355	
	> 16 ≤ 40	345	
	> 40 ≤ 63	335	
	> 63 ≤ 80	325	
	> 80 ≤ 100	315	
	> 100 ≤ 150	295	
	> 150 ≤ 200	285	
	> 200 ≤ 250	275	
Tensile strength, R _m MPa (N/mm ²)	> 250 ≤ 400	265	
	≥ 3 ≤ 100	470-630	
	> 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 , (-20 °C) 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:
quality

Director of technology and
Igor Semion