

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

S355J0 –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	C	≤ 16 ≤ 30 > 30		0.20 0.22
	Mn	-		1.60
	Si	-		0.55
	S	-		0.030
	P	-		0.030
	N	-		0.012
	Cu	-		0.55
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 , (0°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:

Director of technology and quality

Igor Semion

Kamianske 02.05.2022

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