

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

**S235J0 –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](mailto: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:

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	0,17	
		> 150	0,20	
	Mn	-	1.40	
	Si	-	-	
	S	-	0.030	
	P	-	0.030	
Yield strength, R <sub>0.2</sub> MPa (N/mm <sup>2</sup> ) min		≤ 16	235	
		> 16 ≤ 40	225	
		> 40 ≤ 100	215	
		> 100 ≤ 150	195	
		> 150 ≤ 200	185	
		> 200 ≤ 250	175	
		> 250 ≤ 400	165	
Tensile strength, R <sub>m</sub> MPa (N/mm <sup>2</sup> )		≥ 3 ≤ 100	360 - 510	
		> 100 ≤ 150	350 - 500	
		> 150 ≤ 250	340 - 490	
		> 250 ≤ 400	330-480	
		≥ 3 ≤ 40	26	
Elongation, A <sub>5</sub> , % min		> 40 ≤ 63	25	
		> 63 ≤ 100	24	
		> 100 ≤ 150	22	
		> 150 ≤ 250	21	
	Impact strength, KV <sub>2</sub> , 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>