



**Declaration of quality properties**  
**According European building materials directive Nr. 305/2011,**  
**Annex III and Changes Nr. 574/2014**

**№ S460MLH-CPR-02**

1. An unique registered identification number of the product:

**S460MLH**

2. Intended use of the product

**Cold formed welded structural hollow sections of non-alloy and fine grain steels**

3. Manufacturer:

**LLC SPE WITH FI «UKRTRUBOIZOL»**

**51217, Ukraine, Dnipropetrovsk region, Novomoskovsk district, smt  
Meliorativne, Zavodskaya street. 2**

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4. The authorized representative of the manufacturer, acting on authority according section 2 article 12:

**Not applicable**

5. Assessment system for stability of performance characteristics:

**System 2+**

- 6a. Harmonized standard:

**EN10219-1:2006**

- 6b. Notified body:

**The registered body for certification of construction products and steel constructions Nr. 0090 TÜV Thüringen e. V. (Erfurt, Germany) has performed a primary test of the plant and the plant production control system according. Certificate issued**



7. Declared technical data:

Essential characteristics	Operational characteristics		Harmonised technical requirements										
Tolerances on dimensions and shape	EN10219-2:2006 part 6		EN10219-1:2006										
Upper yield point	Thickness of wall, mm	$R_{eH}$ , МПа	EN10219-1:2006										
	≤ 16 > 16 ≤ 40	460 440											
Stress limit	Thickness of wall, mm	$R_m$ , МПа	EN10219-1:2006										
	≤ 40	530-720											
Minimum extension at destruction	Thickness of wall, mm	A, %	EN10219-1:2006										
	≤ 40	17											
Minimum impact energy	Test temperature, °C	KV <sup>e</sup> , Дж	EN10219-1:2006										
	-50	27											
Chemical composition	Maximum weight content, %												EN10219-1:2006
	C	Si	Mn	P	S	Nb	V	Al <sub>min</sub>	Ti	Ni	Mo	N	
	0,16	0,60	1,70	0,030	0,025	0,050	0,12	0,020	0,050	0,30	0,20	0,025	
Weldability	Max. level for carbonic equivalent (CEV) – 0,46%												EN10219-1:2006
Durability	Hot galvanizing availability												EN10219-1:2006

8. Appropriate technical documentation:

**Not applicable**

The performance characteristics of the products indicated above correspond to the declared in item 7 performance characteristics.

This Declaration is made in accordance with the Regulation No. 305/2011 under the personal responsibility of the manufacturer.

Signed from Manufacturer:

Generldirektor Oleksandr LOSKUTOV

Name and position

Dnipro, 27.06.2022  
Place and date of issue



in original signed