

16-03-2020

N31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S275M-CPR-19

1. Unique identification code of the product-type:
S275M according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
No 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50 mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	275	
	>16≤40	265	
	>40≤63	255	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 370	max 530
	≥40≤63	min 360	max 520
Elongation	Values (%) min		
	24		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen, KV at	Values (J) min		
20°C	55		
0°C	47		
-10°C	43		
-20°C	40		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,34	
	>16≤40	0,34	
	>40≤63	0,35	
Chemical composition	Values (%) max	C: 0,15 Si: 0,55 Mn: 1,6 P: 0,030 S: 0,030 Nb: 0,06 V: 0,10 Ti: 0,06 Cr: 0,35 Ni: 0,35 Mo: 0,13 N: 0,017 Cu: 0,60	
	Values (%) min	Al _{total} : 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/03/16



16-03-2020

N 31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S275ML-CPR-20

1. Unique identification code of the product-type:
S275ML according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
Nº 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50 mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	275	
	>16≤40	265	
	>40≤63	255	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 370	max 530
	≥40≤63	min 360	max 520
Elongation	Values (%) min		
	24		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen KV at	Values (J) min		
20°C	63		
0°C	55		
-10°C	51		
-20°C	47		
-30°C	40		
-40°C	31		
-50°C	27		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,34	
	>16≤40	0,34	
	>40≤63	0,35	
Chemical composition	Values (%) max	C: 0,15 Si: 0,55 Mn: 1,6 P: 0,030 S: 0,025 Nb: 0,06 V: 0,10 Ti: 0,06 Cr: 0,35 Ni: 0,35 Mo: 0,13 N: 0,017 Cu: 0,60	
	Values (%) min	Al total: 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/03/16



16-03-2020

or 31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355M-CPR-21

1. Unique identification code of the product-type:
S355M according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50 mm – EN 10029		EN 10025-4:2019
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 470	max 630	
	≥40≤63	min 450	max 610	
Elongation	Values (%) min			
	22			
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test specimen KV at	Values (J) min			
20°C	55			
0°C	47			
-10°C	43			
-20°C	40			
Weldability CEV	Nominal thickness (mm)	Values (%) max		
	≤16	0,39		
	>16≤40	0,39		
	>40≤63	0,40		
Chemical composition	Values (%) max	C: 0,16 Si: 0,55 Mn: 1,7 P: 0,030 S: 0,030 Nb: 0,06 V: 0,12 Ti: 0,06 Cr: 0,35 Ni: 0,55 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

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:

Acting Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOLE"

O. A. Gavrikov

Mariupol, 2020/03/16



16-03-2020

N 31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355ML-CPR-22

1. Unique identification code of the product-type:
S355ML according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50 mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	355	
	>16≤40	345	
	>40≤63	335	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 470	max 630
	≥40≤63	min 450	max 610
Elongation	Values (%) min		
	22		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen KV at	Values (J) min		
20°C	63		
0°C	55		
-10°C	51		
-20°C	47		
-30°C	40		
-40°C	31		
-50°C	27		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,39	
	>16≤40	0,39	
	>40≤63	0,40	
Chemical composition	Values (%) max	C: 0,16 Si: 0,55 Mn: 1,7 P: 0,030 S: 0,025 Nb: 0,06 V: 0,12 Ti: 0,06 Cr: 0,35 Ni: 0,55 Mo: 0,13 N: 0,017 Cu: 0,60	
	Values (%) min	Al _{total} : 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director
PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/03/16



16-03-2020*N 31/330*

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S420M-CPR-23

1. Unique identification code of the product-type:
S420M according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	420	
	>16≤40	400	
	>40≤63	390	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 520	max 680
	≥40≤63	min 500	max 660
Elongation	Values (%) min		
	19		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen KV at	Values (J) min		
20°C	55		
0°C	47		
-10°C	43		
-20°C	40		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,43	
	>16≤40	0,45	
	>40≤63	0,46	
Chemical composition	Values (%) max	C: 0,18 Si: 0,55 Mn: 1,8 P: 0,035 S: 0,030 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60	
	Values (%) min	Al _{total} : 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/03/16



16-03-2020

31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S420ML-CPR-24

1. Unique identification code of the product-type:
S420ML according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	420	
	>16≤40	400	
	>40≤63	390	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 520	max 680
	≥40≤63	min 500	max 660
Elongation	Values (%) min		
	19		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen KV at	Values (J) min		
20°C	63		
0°C	55		
-10°C	51		
-20°C	47		
-30°C	40		
-40°C	31		
-50°C	27		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,43	
	>16≤40	0,45	
	>40≤63	0,46	
Chemical composition	Values (%) max	C: 0,18 Si: 0,55 Mn: 1,8 P: 0,030 S: 0,025 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60	
	Values (%) min	Al total: 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/02/16



16-03-2020

31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S460M-CPR-25

1. Unique identification code of the product-type:
S460M according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50 mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	460	
	>16≤40	440	
	>40≤63	430	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 540	max 720
	≥40≤63	min 530	max 710
Elongation	Values (%) min		
	17		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen KV at	Values (J) min		
20°C	55		
0°C	47		
-10°C	43		
-20°C	40		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,45	
	>16≤40	0,46	
	>40≤63	0,47	
Chemical composition	Values (%) max	C: 0,18 Si: 0,65 Mn: 1,8 P: 0,035 S: 0,030 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60	
	Values (%) min	Al _{total} : 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director
PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/03/16



16-03-2020

31/330

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S460ML-CPR-26

1. Unique identification code of the product-type:
S460ML according to EN 10025-4:2019
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 3. Manufacturer:
PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office.mmk@metinvestholding.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50 mm – EN 10029	
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	460	
	>16≤40	440	
	>40≤63	430	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	<40	min 540	max 720
	≥40≤63	min 530	max 710
Elongation	Values (%) min		
	17		
Delivery condition	Thermomechanical rolled (TM)		
Impact energy on transverse test specimen KV at	Values (J) min		
20°C	63		
0°C	55		
-10°C	51		
-20°C	47		
-30°C	40		
-40°C	31		
-50°C	27		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤16	0,45	
	>16≤40	0,46	
	>40≤63	0,47	
Chemical composition	Values (%) max	C: 0,18 Si: 0,65 Mn: 1,8 P: 0,030 S: 0,025 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60	
	Values (%) min	Al _{total} : 0,015	

EN 10025-4:2019

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:

Acting Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

O. A. Gavrikov

Mariupol, 2020/03/16


