

Declaration of Performance

(according to regulation EU No 305/2011)

DoP No. 00186217-03-2015

- 1) Code of the product type: 1.0038 according to EN 10027-2
- 2) Type: pickled coils & sheets (+AR) S235JR, S235J0, S235J2, S235JRC according to EN 10025-2:2004
- pickled coils & sheets (+N) S235JR according to EN 10025-2:2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

- 3) PAO Severstal
162608, Russia, Vologda region, Cherepovets, Mira str., 30

System of assessment and verification of constancy of performance of the product: System 2+ (according to certificate)

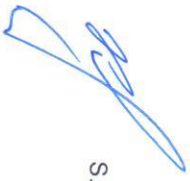
Notified factory production control certification body No. 0038 LRV performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control № 0038/CPD/20060016/A, 0038/CPR/RQA/666869/1.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:



Date: 05.05.2015.



S.P. Kotsur

Russian steel branch
Cherepovets
JSC "Severstal Management"
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A.A. АЛЫЧКО
18 МАЙ 2015



Essential characteristic	Performance	Harmonised technical specification	
Tolerances on dimension and shape	Sheet / coil	EN 10048, EN 10051, EN 10029	
	Nominal thickness, (mm)		Values, (MPa)
Yield strength	≤ 6	235	
	Nominal thickness, (mm)	Values, (MPa)	
Tensile strength	< 3	360 + 510	
	≥ 3 ≤ 6		Values, (%)
	Nominal thickness, (mm)		Values, (%)
Elongation	≤ 1	17	
	> 1 ≤ 1,5	18	
	> 1,5 ≤ 2	19	
	> 2 ≤ 2,5	20	
	> 2,5 ≤ 3	21	
Impact strength(+20 °C)	> 3 ≤ 6	26	
	Nominal thickness, (mm)	Values, (J)	
Equivalent carbon content (weldability)	≤ 6	27	
	Nominal thickness, (mm)	Values, (%)	
Durability (chemical composition)	≤ 6	Values, (%)	
	Nominal thickness, (mm)	C : 0,17 Mn : 1,40; P : 0,035; S : 0,035; N : 0,12; Cu : 0,55	

Declaration of Performance

(according to regulation EU No 305/2011)

DoP No.: 00186217-03-2015

1) Code of the product type: 1.0044 according to EN 10027-2

 2) Type: pickled coils & sheets (+AR) **SZ75JR** according to EN 10025-2-2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

System of assessment and verification of constancy of performance of the product: System 2+ (according to certificate)

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Head of CTDQ

Severstal Russian Steel Division

Date: «18» 2015




S.P. Kotsur


 А.А. ЛИСИЦЕНКО



18 MAY 2015

Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	Sheet / coil	EN 10048, EN 10051, EN 10029
	Nominal thickness, (mm)	
Yield strength	≤ 6	275
	Nominal thickness, (mm)	Values, (MPa)
Tensile strength	< 3	430 + 580
	≥ 3 ≤ 6	410 + 560
Elongation	Nominal thickness, (mm)	Values, (%)
	≤ 1	15
	> 1 ≤ 1,5	16
	> 1,5 ≤ 2	17
	> 2 ≤ 2,5	18
	> 2,5 ≤ 3	19
Impact strength (+20 °C)	> 3 ≤ 6	23
	Nominal thickness, (mm)	Values, (J)
	≤ 6	27
Equivalent carbon content (weldability)	Nominal thickness, (mm)	Values, (%)
	≤ 6	0,40
Durability (chemical composition)	Nominal thickness, (mm)	Values, (%)
	≤ 6	C : 0,21 Mn : 1,50; P : 0,035; S : 0,035; N : 0,12; Cu : 0,55



Declaration of Performance

(according to regulation EU No 305/2011)

DoP No. 00186217-04-2015

1) Code of the product type: 1.0038 according to EN 10027-2

2) T Type: coils & sheets (+AR, + N, + M) **S235JR** according to EN 10025-2-2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

System of assessment and verification of constancy of performance of the product: System 2+ (according to certificate)

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Head of CTDQ

Severstal Russian Steel Division

S.P. Kotsur

Date: « 18 » 05 2015.

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A.A. Lyachenko
A.A. Лыченко

18 МАЙ 2015

S.P. Kotsur

Essential characteristic	Performance		Harmonised technical specification
	EN 10048, EN 10051, EN 10029	Values, (MPa)	
Tolerances on dimension and shape	Sheet / coil		EN 10025-1:2004
	Nominal thickness, (mm)	Values, (MPa)	
	≤ 16	235	
Yield strength	> 16 ≤ 40	225	EN 10025-1:2004
	> 40 ≤ 63	215	
	> 63 ≤ 80	195	
	> 80 ≤ 100	185	
	> 100 ≤ 150		
	> 150 ≤ 160		
	Nominal thickness, (mm)	Values, (MPa)	
Tensile strength	< 3		
	≥ 3 ≤ 100	360 + 510	
	> 100 ≤ 150	350 + 500	
	> 150 ≤ 160	340 + 490	
	Nominal thickness, (mm)	Values, (%)	
	≤ 1	17	
Elongation	> 1 ≤ 1.5	18	EN 10025-1:2004
	> 1.5 ≤ 2	19	
	> 2 ≤ 2.5	20	
	> 2.5 ≤ 3	21	
	> 3 ≤ 40	26	
	> 40 ≤ 63	25	
	> 63 ≤ 100	24	
	> 100 ≤ 150	22	
	> 150 ≤ 160	21	
		Nominal thickness, (mm)	
Impact strength(+20 °C)	≤ 150	27	
	> 150 ≤ 160		
	Nominal thickness, (mm)	Values, (%)	
	≤ 30	0,35	
Equivalent carbon content (weldability)	> 30 ≤ 40	0,38	EN 10025-1:2004
	> 40 ≤ 150	0,40	
	> 150 ≤ 160		
Durability (chemical composition)	Nominal thickness, (mm)	Values, (%)	
	≤ 40	C : 0,17 Mn : 1,40; P : 0,035; S: 0,035; N: 0,12; Cu: 0,55	
	≥ 40 ≤ 160		

Declaration of Performance

(according to regulation EU No 305/2011)

DoP No: 00186217-04-2015

1) Code of the product type: 1.0114 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) **S235J0** according to EN 10025-2:2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

System of assessment and verification of constancy of performance of the product: System 2+ (according to certificate)

Notified factory production control certification body No. 0038 LRV performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control № 0038/CPD/20060016/A, 0038/CPR/ROA/66869/1.

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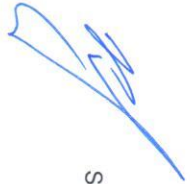
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Head of CTDO

Severstal Russian Steel Division

Date: 18 May 2015.

S.P. Kotsur





A.A. ЛИТСЕНКО



Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	Sheet / coil	EN 10048, EN 10051, EN 10029
	Nominal thickness, (mm)	
Yield strength	≤ 16	235
	> 16 ≤ 40	225
	> 40 ≤ 63	215
	> 63 ≤ 80	195
	> 80 ≤ 100	185
Tensile strength	> 100 ≤ 150	Values, (MPa)
	> 150 ≤ 160	360 ÷ 510
Elongation	Nominal thickness, (mm)	Values, (%)
	≤ 3	15
Impact strength (0 °C)	≥ 3 ≤ 100	16
	> 100 ≤ 150	17
	> 150 ≤ 160	18
	Nominal thickness, (mm)	19
	≤ 1	24
	> 1 ≤ 1.5	23
	> 1.5 ≤ 2	22
	> 2 ≤ 2.5	21
	> 2.5 ≤ 3	Values, (J)
	> 3 ≤ 40	27
Equivalent carbon content (weldability)	Nominal thickness, (mm)	Values, (%)
	≤ 150	0.35
	> 150 ≤ 160	0.38
Durability (chemical composition)	Nominal thickness, (mm)	Values, (%)
	≤ 150	0.40

C : 0.17; Mn : 1.40; P : 0.030;
S : 0.030; N : 0.12; Cu : 0.55

EN 10025-1:2004

18 МАЙ 2015

Declaration of Performance

(according to regulation EU No 305/2011)

DoP No. 00186217-04-2015

1) Code of the product type: 1.0117 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) S235J2 according to EN 10025-2-2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

System of assessment and verification of constancy of performance of the product: System 2+ (according to certificate)

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The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Head of CTDA

Severstal Russian Steel Division

Date: 18.05.2015.

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S.P. Kotsur



A.A. Lytsenko

18 МАЙ 2015

Essential characteristic	Sheet / coil	Performance	Harmonised technical specification
Tolerances on dimension and shape	Nominal thickness, (mm)	EN 10048, EN 10051, EN 10029 Values, (MPa)	EN 10025-1:2004
	≤ 16	235	
	> 16 ≤ 40	225	
Yield strength	> 40 ≤ 63	215	EN 10025-1:2004
	> 63 ≤ 80	195	
	> 80 ≤ 100	185	
Tensile strength	> 100 ≤ 150	360 + 510	EN 10025-1:2004
	> 150 ≤ 160	350 + 500	
	> 160 ≤ 160	340 + 490	
Elongation	Nominal thickness, (mm)	Values, (%)	EN 10025-1:2004
	≤ 3	15	
	> 3 ≤ 100	16	
Impact strength(+20 °C)	> 100 ≤ 150	17	EN 10025-1:2004
	> 150 ≤ 160	18	
	> 160 ≤ 160	19	
Equivalent carbon content (weldability)	Nominal thickness, (mm)	Values, (J)	EN 10025-1:2004
	≤ 30	24	
	> 30 ≤ 40	23	
Durability (chemical composition)	> 40 ≤ 63	22	EN 10025-1:2004
	> 63 ≤ 100	21	
	> 100 ≤ 150	21	
Nominal thickness, (mm)	> 150 ≤ 160	27	EN 10025-1:2004
	≤ 150	27	
	> 150 ≤ 160	27	
Values, (%)	Nominal thickness, (mm)	Values, (%)	EN 10025-1:2004
	≤ 30	0,35	
	> 30 ≤ 40	0,38	
Values, (%)	> 40 ≤ 150	0,38	EN 10025-1:2004
	> 150 ≤ 160	0,38	
	> 160 ≤ 160	0,38	
Values, (%)	Nominal thickness, (mm)	Values, (%)	EN 10025-1:2004
	≤ 160	0,17; Mn : 1,40; P : 0,025; S : 0,025; Cu : 0,55	
	> 160	0,17; Mn : 1,40; P : 0,025; S : 0,025; Cu : 0,55	

Declaration of Performance

(according to regulation EU No 305/2011)

DoP No: 00186217-04-2015

1) Code of the product type: 1.0044 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) **S275JR** according to EN 10025-2:2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

System of assessment and verification of constancy of performance of the product: System 2+ (according to certificate)

Notified factory production control certification body No. 0038 LRV performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control № 0038/CPD/20060016/A, 0038/CPR/RQA/666869/1.

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This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Head of CTDO

Severstal Russian Steel Division

Date: 18 May 2015.

S.P. Kotsur

Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Sheet / coil Nominal thickness, (mm) ≤ 16 > 16 ≤ 40 > 40 ≤ 63 > 63 ≤ 80 > 80 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Yield strength	Values, (MPa) 275 265 255 245 235 225 215	EN 10025-1:2004
	Nominal thickness, (mm) < 3 ≥ 3 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Tensile strength	Values, (MPa) 430 ÷ 580 410 ÷ 560 400 ÷ 540 380 ÷ 540	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 1 > 1 ≤ 1.5 > 1.5 ≤ 2 > 2 ≤ 2.5 > 2.5 ≤ 3 > 3 ≤ 40 > 40 ≤ 63 > 63 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Elongation	Values, (%) 15 16 17 18 19 23 22 21 19 18	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 150 > 150 ≤ 160	
Impact strength (+20 °C)	Values, (J) 27	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 30 > 30 ≤ 40 > 40 ≤ 150 > 150 ≤ 160	
Equivalent carbon content (weldability)	Values, (%) 0.40 0.42 0.44	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 40 ≥ 40 ≤ 160	
Durability (chemical composition)	Values, (%) C : 0.21 C : 0.22 Mn : 1.50; P : 0.035; S : 0.035; N : 0.12; Cu : 0.55	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 40 ≥ 40 ≤ 160	



S.P. Kotsur
A.A. Лисенко

S.P. Kotsur

18 МАЙ 2015

Declaration of Performance

(according to regulation EU No 305/2011)

DoP No. 00186217-02-2014

1) Code of the product type: 1.0143 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) **S275J0** according to EN 10025-2-2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

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Head of CTDO

Severstal Russian Steel Division

Date: « 19 05 » 2015.

S.P. Kotsur

Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	Sheet / coil	EN 10048, EN 10051, EN 10029
	Nominal thickness, (mm)	Values, (MPa)
Yield strength	≤ 16	275
	> 16 ≤ 40	265
	> 40 ≤ 63	255
	> 63 ≤ 80	245
	> 80 ≤ 100	235
Tensile strength	> 100 ≤ 150	225
	> 150 ≤ 160	215
	Nominal thickness, (mm)	Values, (MPa)
	< 3	430 + 580
	≥ 3 ≤ 100	410 + 560
Elongation	> 100 ≤ 150	400 + 540
	> 150 ≤ 160	380 + 540
	Nominal thickness, (mm)	Values, (%)
	≤ 1	15
	> 1 ≤ 1,5	16
Impact strength (0 °C)	> 1,5 ≤ 2	17
	> 2 ≤ 2,5	18
	> 2,5 ≤ 3	19
	> 3 ≤ 40	23
	> 40 ≤ 63	22
Equivalent carbon content (weldability)	> 63 ≤ 100	21
	> 100 ≤ 150	19
	> 150 ≤ 160	18
	Nominal thickness, (mm)	Values, (J)
	≤ 150	27
Durability (chemical composition)	> 150 ≤ 160	27
	Nominal thickness, (mm)	Values, (%)
	≤ 30	0,40
	> 30 ≤ 40	0,42
	> 40 ≤ 150	0,44
	> 150 ≤ 160	0,44
	Nominal thickness, (mm)	Values, (%)
	≤ 40	Mn : 1,50; P : 0,030;
	≥ 40 ≤ 160	C : 0,18 Mn : 1,50; P : 0,030;
		C : 0,20 S : 0,030; N : 0,012 Cu : 0,55



S.P. Kotsur
S.A. БИСЕНКО

S.P. Kotsur

18 MAR 2015

Declaration of Performance

(according to regulation EU No 305/2011)

Dop No. 00186217-04-2015

1) Code of the product type: 1.0145 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) S275J2 according to EN 10025-2-2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

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Head of CTDA

Severstal Russian Steel Division

Date: 18.05.2015.

S.P. Kotsur





A.A. Lytsenko



Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Sheet / coil Nominal thickness, (mm) ≤ 16 Values, (MPa) 275 > 16 ≤ 40 265 > 40 ≤ 63 255 > 63 ≤ 80 245 > 80 ≤ 100 235 > 100 ≤ 150 225 > 150 ≤ 160 215	
Yield strength	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Values, (MPa) 430 ÷ 580 410 ÷ 560 400 ÷ 540 380 ÷ 540	
Tensile strength	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Values, (%) 13 14 15 16 17 21 22 21 19 18	
Elongation	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Values, (J) 27 Values, (%) 0,44 0,40 0,42	
Impact strength(-20 °C)	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Values, (%) 0,44 0,40 0,42	
Equivalent carbon content (weldability)	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Values, (%) 0,44 0,40 0,42	
Durability (chemical composition)	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Values, (%) 0,44 0,40 0,42	

18 МАЙ 2015

Declaration of Performance

(according to regulation EU No 305/2011)

DOP No: 00186217-04-2015

1) Code of the product type: 1.0577 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) S355J2 according to EN 10025-2:2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

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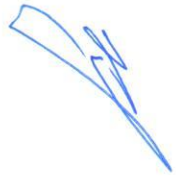
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Head of CTDQ

Severstal Russian Steel Division

S.P. Kotsur

Date: 18 May 2015.





А.А. ЛЫСЕНКО

18 МАЙ 2015

Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Sheet / coil Nominal thickness, (mm) ≤ 16 > 16 ≤ 40 > 40 ≤ 63 > 63 ≤ 80 > 80 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Yield strength	Values, (MPa) 355 345 335 325 315 295 285	
	Nominal thickness, (mm) < 3 ≥ 3 ≤ 100 ≥ 100 ≤ 150 > 150 ≤ 160	Values, (MPa) 510 + 680 470 + 630 450 + 600
Tensile strength	Values, (%) 14 15 16 17 18 22 21 20 18	
	Nominal thickness, (mm) ≤ 1 > 1 ≤ 1,5 > 1,5 ≤ 2 > 2 ≤ 2,5 > 2,5 ≤ 3 > 3 ≤ 40 > 40 ≤ 63 > 63 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	Values, (%) 14 15 16 17 18 22 21 20 18
Elongation	Values, (J) 27	
	Nominal thickness, (mm) ≤ 150 > 150 ≤ 160	Values, (J) 27
Impact strength (-20 °C)	Values, (%) 0,45 0,47 0,49	
	Nominal thickness, (mm) ≤ 30 > 30 ≤ 40 > 40 ≤ 150 > 150 ≤ 160	Values, (%) 0,45 0,47 0,49
Equivalent carbon content (weldability)	Values, (%) 0,22; Si : 0,55; Mn : 1,60; P : 0,025; S : 0,025; Cu : 0,55	
	Nominal thickness, (mm) ≤ 160	Values, (%) 0,22; Si : 0,55; Mn : 1,60; P : 0,025; S : 0,025; Cu : 0,55
Durability (chemical composition)		



Declaration of Performance

(according to regulation EU No 305/2011)

DOP No: 00186217-04-2015

1) Code of the product type: 1.0596 according to EN 10027-2

2) Type: coils & sheets (+AR, + N, + M) **S355K2** according to EN 10025-2:2004

Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) PAO Severstal

162608, Russia, Vologda region, Cherepovets, Mira str., 30

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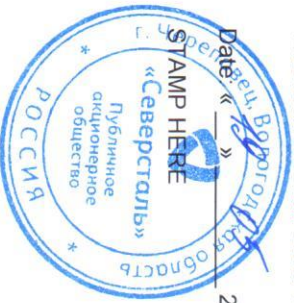
Head of CTDQ

Severstal Russian Steel Division

S.P. Kotsur

Date: « 18 » 05 2015.

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18 МАЙ 2015

Essential characteristic	Performance	Harmonised technical specification
Tolerances on dimension and shape	EN 10048, EN 10051, EN 10029	EN 10025-1:2004
	Sheet / coil Nominal thickness, (mm) ≤ 16 > 16 ≤ 40 > 40 ≤ 63 > 63 ≤ 80 > 80 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Yield strength	Values, (MPa) 355 345 335 325 315 295 285	EN 10025-1:2004
	Nominal thickness, (mm) < 3 ≥ 3 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Tensile strength	Values, (MPa) 470 + 630 450 + 600	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 1 > 1 ≤ 1,5 > 1,5 ≤ 2 > 2 ≤ 2,5 > 2,5 ≤ 3 > 3 ≤ 40 > 40 ≤ 63 > 63 ≤ 100 > 100 ≤ 150 > 150 ≤ 160	
Elongation	Values, (%) 12 13 14 15 16 20 21 20 18 17	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 150 > 150 ≤ 160	
Impact strength(-20 °C)	Values, (J) 40 33	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 30 > 30 ≤ 40 > 40 ≤ 150 > 150 ≤ 160	
Equivalent carbon content (weldability)	Values, (%) 0,45 0,47	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 160	
Durability (chemical composition)	Values, (%) C : 0,22; Si : 0,55; Mn : 1,60; P : 0,025; S : 0,025; Cu : 0,55	EN 10025-1:2004
	Nominal thickness, (mm) ≤ 160	

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