



**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/01-CPR-13-1

- 1) Code of the product type: **1.0038**  
2) Type: **Sections/Bars S235JR according EN 10025-2**

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

To be used in welded, bolted and riveted structures

- 3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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:

Laurent Gless  
Chief Executive Officer

Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification	
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060		EN 10025-1:2004
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100	195		
	100	150			
150	160	185			
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	min		
	=3	40	26		
	40	63	25		
	63	100	24		
100	140	22			
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>		
	>	≤	min		
		140	27 at +20°C		
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		30	0,35		
	30	40	0,35		
40	140	0,38			
<b>Durability (Chemical composition)</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		140	C* : 0,17 Mn : 1,40 P : 0,040	Cu : 0,55 S : 0,040 N** : 0,012	
* For nominal thickness > 40 mm C: 0,20. For nominal thickness >100 mm: C content upon agreement					
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present					

**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/02-CPR-13-1

- 1) Code of the product type: **1.0114**
- 2) Type: **Sections/Bars S235J0 according EN 10025-2**

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

To be used in welded, bolted and riveted structures

- 3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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:

Laurent Gless  
Chief Executive Officer



Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060	
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	
		16	235	
	16	40	225	
	40	63	215	
	63	80		
	80	100		
	100	150	195	
150	160	185		
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	max
	=3	100	360	510
	100	140	350	500
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	min	
	=3	40	26	
	40	63	25	
	63	100	24	
	100	140	22	
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>	
	>	≤	min	
		140	27 at 0°C	
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		30	0,35	
	30	40	0,35	
	40	140	0,38	
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		140	C* : 0,17	Cu : 0,55
			Mn : 1,40	S : 0,035
		P : 0,035	N** : 0,012	
* For nominal thickness >100 mm: C content upon agreement.				
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

EN 10025-1:2004



**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/03-CPR-13-1

1) Code of the product type: **1.0117**

2) Type: **Sections/Bars S235J2 according EN 10025-2**

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

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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

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Laurent Gless  
Chief Executive Officer

Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification	
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060		EN 10025-1:2004
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100	195		
	100	150			
150	160	185			
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	min		
	=3	40	26		
	40	63	25		
	63	100	24		
100	140	22			
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>		
	>	≤	min		
		140	27 at -20°C		
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		30	0,35		
	30	40	0,35		
40	140	0,38			
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		140	C* : 0,17 Mn : 1,40 P : 0,030	Cu : 0,55 S : 0,030	
* For nominal thickness >100 mm: C content upon agreement.					
Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)					



**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/04-CPR-13-1

- 1) Code of the product type: **1.0044**  
2) Type: **Sections/Bars S275JR according EN 10025-2**

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

To be used in welded, bolted and riveted structures

- 3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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:

Laurent Gless  
Chief Executive Officer

Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060	
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	
		16	275	
	16	40	265	
	40	63	255	
	63	80	245	
	80	100	235	
	100	150	225	
	150	215		
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	max
	=3	100	410	560
	100	140	400	540
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	min	
	=3	40	23	
	40	63	22	
	63	100	21	
	100	19		
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>	
	>	≤	min	
		140	27 at +20°C	
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		30	0,40	
	30	40	0,40	
	40	0,42		
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		140	C* : 0,21 Mn : 1,50 P : 0,040	Cu : 0,55 S : 0,040 N** : 0,012
* For nominal thickness > 40 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement				
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

EN 10025-1:2004

**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/05-CPR-13-1

- 1) Code of the product type: **1.0143**  
2) Type: **Sections/Bars S275J0 according EN 10025-2**

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

To be used in welded, bolted and riveted structures

- 3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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

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Laurent Gless  
Chief Executive Officer



Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification	
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060		EN 10025-1:2004
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
150	160	215			
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	min		
	=3	40	23		
	40	63	22		
	63	100	21		
100	140	19			
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>		
	>	≤	min		
		140	27 at 0°C		
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		30	0,40		
	30	40	0,40		
40	140	0,42			
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		140	C* : 0,18 Mn : 1,50 P : 0,035	Cu : 0,55 S : 0,035 N** : 0,012	
* For nominal thickness >100 mm: C content upon agreement.					
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present					

**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/06-CPR-13-1

1) Code of the product type: **1.0145**

2) Type: **Sections/Bars S275J2 according EN 10025-2**

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

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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:

Laurent Gless  
Chief Executive Officer



Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification	
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060		EN 10025-1:2004
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
	<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
>		≤	min		
=3		40	23		
40		63	22		
63		100	21		
100		140	19		
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>		
	>	≤	min		
		140	27 at -20°C		
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		140	C* : 0,18 Mn : 1,50 P : 0,030	Cu : 0,55 S : 0,030	
* For nominal thickness >100 mm: C content upon agreement.					
Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)					



**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/07-CPR-13-1

- 1) Code of the product type: **1.0045**  
2) Type: **Sections/Bars S355JR according EN 10025-2**

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

To be used in welded, bolted and riveted structures

- 3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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

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Laurent Gless  
Chief Executive Officer

Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060	
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	
		16	355	
	16	40	345	
	40	63	335	
	63	80	325	
	80	100	315	
	100	150	295	
150	160	285		
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	max
	=3	100	470	630
	100	140	450	600
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	min	
	=3	40	22	
	40	63	21	
	63	100	20	
	100	140	18	
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>	
	>	≤	min	
		140	27 at +20°C	
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		30	0,45	
	30	40	0,47	
	40	140	0,47	
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		140	C* : 0,24 Si : 0,55 Mn : 1,60 P : 0,040	Cu : 0,55 S : 0,040 N** : 0,012
* For nominal thickness >100 mm: C content upon agreement.				
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0.020% or if sufficient other N binding elements are present				

EN 10025-1:2004

**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/08-CPR-13-1

1) Code of the product type: **1.0553**

2) Type: **Sections/Bars S355J0 according EN 10025-2**

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

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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:

Laurent Gless  
Chief Executive Officer



Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060	
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	
		16	355	
	16	40	345	
	40	63	335	
	63	80	325	
	80	100	315	
	100	150	295	
150	160	285		
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>	
	>	≤	min	max
	=3	100	470	630
	100	140	450	600
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	min	
	=3	40	22	
	40	63	21	
	63	100	20	
100	140	18		
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>	
	>	≤	min	
		140	27 at 0°C	
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		30	0,45	
	30	40	0,47	
40	140	0,47		
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>	
	>	≤	max	
		140	C* : 0,20 Si : 0,55 Mn : 1,60 P : 0,035	Cu : 0,55 S : 0,035 N** : 0,012
* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement				
** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

EN 10025-1:2004





**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. AMGD-2/09-CPR-13-1

1) Code of the product type: **1.0577**

2) Type: **Sections/Bars S355J2 according EN 10025-2**

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

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange  
BP3 - F57360 Amneville  
France  
Tel: +33 3 87 72 46 00  
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:  
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification 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.

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:

Laurent Gless  
Chief Executive Officer

Date : 07.05.2014

Essential characteristic		Performance		Harmonised technical specification	
<b>Tolerances on dimensions and shape</b>	Round bars		EN 10060		EN 10025-1:2004
<b>Yield strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	150	295		
150	160	285			
<b>Tensile strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (MPa)</b>		
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
<b>Elongation</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	min		
	=3	40	22		
	40	63	21		
	63	100	20		
100	140	18			
<b>Impact strength</b>	<b>Nominal thickness (mm)</b>		<b>Values (J)</b>		
	>	≤	min		
		140	27 at -20°C		
<b>Weldability</b>	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		30	0,45		
	30	40	0,47		
40	140	0,47			
<b>Durability</b> (Chemical composition)	<b>Nominal thickness (mm)</b>		<b>Values (%)</b>		
	>	≤	max		
		140	C* : 0,20 Si : 0,55 Mn : 1,60	Cu : 0,55 S : 0,030 P : 0,030	
* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)					