

(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

Essential characteristic			Pe	erformance	Harmonised technical specification
Tolerances on dimensions and shape		Round bars	Į.	EN 10060	
Yield strength		minal thickness (mm)	Va	lues (MPa)	
	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	150		195	
	150	160	185		
Tensile strength		minal thickness (mm)	Values (MPa)		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation		ninal thickness (mm)	V	alues (%)	EN 10025-1:2004
	>	≤	min		LIN 10025-1.2004
	=3	40		26	
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength		minal thickness (mm)	\	/alues (J)	
	>	≤		min	
		140		7 at +20°C	
Weldability		minal thickness (mm)	V	alues (%)	
	>	≤		max	
	00	30		0,35	
	30	40		0,35	
5 1	40	140	0,38		
Durability (Chemical composition)		minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	0* : 0.47	max	_
		140	C*: 0,17	Cu: 0,55	
			Mn : 1,40	S: 0,040	
	* For nom	inal thickness > 40 mm C: 0.20 Fe	P: 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				\dashv
		0,020% or if sufficient other N bind			



(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.

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Laurent Gless Chief Executive Officer

			-		
F		-t-wistis	Donfor		Harmonised
Essenti	ai chara	ecteristic	Performance		technical specification
Tolerances on		Round bars	EN 1	Specification	
dimensions and shape		Rouliu bais	EIN I	0000	_
					_
					_
					_
Wald day wath	N -	!	V-I	(MAD -)	
Yield strength	NOI >	minal thickness (mm)		s (MPa)	
		<u> </u>		iin 35	_
	16	40		25	_
	40	63		20	_
	63	80	2.	15	
	80	100	-{	15	
	100	150	10	95	
	150	160		35 35	_
Tensile strength		minal thickness (mm)		s (MPa)	_
· · · · · · · · · · · · · · · · · · ·	>	<u>≤</u>	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Noi	minal thickness (mm)	Value	es (%)	
_	>	≤ .	m	in	EN 10025-1:2004
	=3	40	2	6	
	40	63	2	5	
	63	100	2	4	
	100	140	2	2	
Impact strength	Noi	minal thickness (mm)	Value	es (J)	
	>	≤		in	
		140		t 0°C	
Weldability		minal thickness (mm)	Value	es (%)	
	>	≤		ax	
		30		35	
	30	40	- /	35	
	40	140		38	
Durability		minal thickness (mm)		es (%)	
(Chemical composition)	>	≤		ax	4
		140	C*: 0,17	Cu: 0,55	
			Mn : 1,40	S: 0,035	
	* For now	inal thickness >100 mm; C content	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				1
		f 0,020% or if sufficient other N bind			



(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.

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

Essenti	al chara	cteristic	Perfo	rmance	Harmonised technical specification
Tolerances on dimensions and shape		Round bars	EN 10060		
Yield strength		minal thickness (mm)		s (MPa)	
	>	≤		nin	
		16		235	
	16	40	2	225	
	40	63			
	63	80		215	
	80	100			
	100	150		195	
	150	160	185		
Tensile strength		minal thickness (mm)	Values (MPa)		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation		minal thickness (mm)		es (%)	EN 10025-1:2004
	>	≤	min		LIN 10023-1.2004
	=3	40		26	
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength		ninal thickness (mm)		ies (J)	
	>	≤		min	
		140		t -20°C	
Weldability		minal thickness (mm)		es (%)	
	>	≤		nax	
		30		,35	
	30	40		,35	
	40	140	0,38		
Durability		minal thickness (mm)	Values (%)		
(Chemical composition)	>	<u>≤</u>	max		\blacksquare
		140	C*: 0,17 Mn: 1,40	Cu: 0,55 S: 0,030	
	P: 0,030 * For nominal thickness >100 mm: C content upon agreement.				\dashv
	Fully killed	d steel containing nitrogen binding eple min. 0,02% AI)		to bind the available nitroge	en



(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

Forenti	al abara	acteristic	Perfor		Harmonised technical
Essenti	aı cnara	icteristic	Pertor	mance	specification
Tolerances on dimensions and shape		Round bars	EN 10060		
Yield strength	No	minal thickness (mm)	Values	(MPa)	
	>	≤	m		
		16	27	-	
	16	40	26		
	40	63	25		
	63	80	24		-
	80	100	23		
	100	150	22		
Tensile strength	150	160 minal thickness (mm)	2′	-	-
rensile strength	> NO	mmai thickness (mm) ≤	Values (MPa) min max		1
	=3	100	410	560	-
	100	140	400	540	
Elongation		minal thickness (mm)	Values (%)		
J. J. J.	>	≤		in	EN 10025-1:2004
	=3	40	2	3	
	40	63	2	2	1
	63	100	2	1	
	100	140	1	9	
Impact strength	No	minal thickness (mm)	Value	es (J)	
	۸	≤	m		
		140	27 at ·		
Weldability		minal thickness (mm)	Value	es (%)	
	>	≤		ax	
		30		40	
	30	40	0,40		
	40	140		42	_
Durability		minal thickness (mm)	Values (%)		_
(Chemical composition)	>	≤	max		-
		140	C*: 0,21	Cu: 0,55	
			Mn : 1,50	S: 0,040 N**: 0,012	
P: 0,040 N**: 0,012 *For nominal thickness > 40 mm C: 0,22. For nominal thickness > 100 mm: C content upon agreement				-	
	** The ma	ax. value for nitrogen does not apply	if the chemical composition sh		1
content of 0,020% or if sufficient other N binding elements are present					



(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

Essential characteristic			Perfor	mance	Harmonised technical
Loseitti	ai Cilaic	iciciistic	T CHOIL	mance	specification
Tolerances on dimensions and shape		Round bars	EN 10060		_
Yield strength		minal thickness (mm)	Values	. ,	
	>	≤	m		
		16	27	-	
	16	40	26		
	40	63	25		
	63	80	24		
	80	100	23		
	100	150	22		
Tensile strength	150	160 minal thickness (mm)			
Tensile strength	>	illiai tilickiless (Illili) ≤	Values (MPa) min max		-
	=3	100	410	560	
	100	140	400	540	
Elongation		minal thickness (mm)	Values (%)		
3	>	≤		in	EN 10025-1:2004
	=3	40	2	3	
	40	63	2	2	
	63	100	2	1	
	100	140	1	9	
Impact strength	No	minal thickness (mm)	Value	es (J)	
	>	≤ ,	m	in	
		140	27 at	t 0°C	
Weldability	No	minal thickness (mm)	Value	es (%)	
	>	≤		ax	
		30		40	
	30	40	,	40	
	40	140		42	
Durability		minal thickness (mm)	Values (%)		_
(Chemical composition)	>	≤	max		
		140	C*: 0,18	Cu: 0,55	
			Mn : 1,50	S: 0,035	
	* [singlithighness > 100 0 1	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				\dashv
content of 0,020% or if sufficient other N binding elements are present					



(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.

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Laurent Gless Chief Executive Officer

Essenti	al chara	acteristic	Perfor	mance	Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 1	0060	
Yield strength		minal thickness (mm)	Values		
	>	≤		in	
	40	16		75	
	16	40	26		
	40	63	25		_
	63 80	80 100	24		_
	100 150	150 160		25	
Tensile strength		minal thickness (mm)	215		
rensile strength	>	illiai tilickiless (illiii) ≤	Values (MPa) min max		
	=3	100	410	560	
	100	140	400	540	
Elongation		minal thickness (mm)	Value		
	>	≤ (,		in	EN 10025-1:2004
	=3	40		3	
	40	63		2	
	63	100	2		
	100	140		9	
Impact strength	Noi	minal thickness (mm)	Value		
, 3	>	≤		in	
		140	27 at -	-20°C	
Weldability	Noi	minal thickness (mm)	Value	es (%)	
	>	≤ , ,		ax	
		30	0,4	40	
	30	40	0,4	40	
	40	140	0,42		
Durability	No	minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	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% AI)					n



(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

Essential characteristic			Perí	ormance	Harmonised technical specification
Tolerances on dimensions and shape		Round bars	EI	N 10060	
Yield strength	No	minal thickness (mm)	Valu	ies (MPa)	
i ioia ca caigai	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	150		295	
	150	160		285	
Tensile strength	Noi	minal thickness (mm)	Valu	ies (MPa)	
	>	≤ ,	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Noi	minal thickness (mm)	Values (%)		
	^	VI		min	EN 10025-1:2004
	=3	40		22	
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength	Noi	minal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at +20°C	
Weldability	No	minal thickness (mm)	Va	lues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140		0,47	
Durability		minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
		140	C*: 0,24	Cu: 0,55	
			Si : 0,55	S:0,040	
			Mn : 1,60	N**: 0,012	
			P:0,040		
	* 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				
		f 0,020% or if sufficient other N bindi			



(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.

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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:

Laurent Gless Chief Executive Officer

Essential characteristic			Perfor	mance	Harmonised technical specification	
Tolerances on dimensions and shape		Round bars	EN 10060			
Yield strength	No	minal thickness (mm)	Value	s (MPa)		
ricia strength	>	≤ (IIIII)		nin		
		16		55		
	16	40		45		
	40	63		35		
	63	80		25		
	80	100	3	 15		
	100	150	2	95		
	150	160	2	85	1	
Tensile strength	No	minal thickness (mm)	Values	s (MPa)		
_	>	≤ ,	min	max		
	=3	100	470	630		
	100	140	450	600		
Elongation	No	minal thickness (mm)	Values (%)			
	>	≤	m	nin	EN 10025-1:2004	
	=3	40		22		
	40	63		21		
	63	100		20		
	100	140		8		
Impact strength	No	minal thickness (mm)	Valu	es (J)		
	^	≤		nin		
		140		t 0°C		
Weldability		minal thickness (mm)		es (%)		
	>	≤		ax		
		30		45		
	30	40		47		
B 1377	40	140		47		
Durability (Chemical composition)	NO	minal thickness (mm)	Values (%) max			
(Chemical composition)	>	≤				
		140	C*: 0,20	Cu: 0,55		
			Si: 0,55	S: 0,035		
			Mn : 1,60 P : 0.035	N** : 0,012		
* For nominal thickness > 30 mm C: 0,22. For nominal thickness > 100 mm: C content upon agreemen				C content upon agreement		
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al				1	
		f 0,020% or if sufficient other N bindii				



(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.

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Laurent Gless Chief Executive Officer

Essential characteristic			Perform	nance	Harmonised technical specification
Tolerances on		Round bars	EN 10	0060	•
dimensions and shape					
Yield strength	No	minal thickness (mm)	Values	(MPa)	
	>	≤	mi		
		16	35		
	16	40	34		
	40	63	33		_
	63	80	32		
	80	100	31		
	100	150	29		
	150	160	28		
Tensile strength		minal thickness (mm)	Values		
	>	≤	min	max	
	=3	100	470	630	
Florestion	100	140 minal thickness (mm)	450	600	_
Elongation	>	ninai tnickness (mm) ≤	Values (%)		EN 10025-1:2004
	=3	40	22		-
	40	63	2		
	63	100	20		_
	100	140	18		
Impact strength		minal thickness (mm)	Value	-	_
impact strongth	>	≤ (min)	mi	• •	
	-	140	27 at -		
Weldability	No	minal thickness (mm)	Value		
, , , ,	>	≤	ma		
		30	0,4	ŀ5	
	30	40	0,47		
	40	140	0,47		
Durability	Noi	minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max		
		140		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				_
		d steel containing nitrogen binding el ple min. 0,02% AI)	ement in amounts sufficient to	bind the available nitrogen	