

(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
Soseaua Hunedoara-Santuhalm, no. 4
Cod 331111, Hunedoara – Romania
Tel 004-0254712785
Fax 004-0254715311
www.arcelormittal.com/sections

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

System 2+

Notified factory production control certification body No. 1823
QUALITAS 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:

Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Essential characteristic			Performance		Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EN 10034		
		Tapered Flange I		EN 10024	
		UPE. UPN		EN 10279	
	Flat /	Square / Round / T bars		0059/EN 10060/EN 10055	
Yield strength	Noi	minal thickness (mm)	Va	lues (MPa)	
	^	≤ .		min	
		16		235	
	16	40		225	
	40	63			
	63	80	1	215	
	80	100	7		
	100	140		195	
Tensile strength	strength Nominal thickness (mm)		Values (MPa)		
-	>	≤	min	max	
	=3	100	360	510	1
	100	140	350	500	
Elongation	Noi	minal thickness (mm)	s (mm) Values (%)		
	^	≤	min		EN 10025-1:2004
	=3	40		26	211 10020 1.2001
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength	No	minal thickness (mm)	\	/alues (J)	
	>	≤		min	
		140	2	7 at +20°C	
Weldability	No	minal thickness (mm)	V	/alues (%)	
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140	0,38		
Durability	No	minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
		140	C*: 0,17	Cu : 0,55	
			Mn : 1,40	S: 0,040	
			P:0,040	N** : 0,012	
		ninal thickness > 40 mm C: 0,20. For			
		ax. value for nitrogen does not apply f 0,020% or if sufficient other N bind			



(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
Soseaua Hunedoara-Santuhalm, no. 4
Cod 331111, Hunedoara – Romania
Tel 004-0254712785
Fax 004-0254715311
www.arcelormittal.com/sections

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

System 2+

Notified factory production control certification body No. 1823 QUALITAS 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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Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

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Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on	Angles		EN1	0056-2	
dimensions and shape		I and H sections	EN	10034	
Ī		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat / S	Square / Round / T bars	EN 10058/EN 10059	9/EN 10060/EN 10055	
Yield strength	Non	ninal thickness (mm)	Value	s (MPa)	
· ·	>	≤ ` ′		nin	
		16	2	235	
	16	40	2	225	
i	40	63			
i	63	80	2	215	
	80	100			
	100	140	195		
Tensile strength	Non	ninal thickness (mm)	Value	s (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Non	ninal thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
	=3	40	26		
	40	63	25		
	63	100		24	
	100	140	22		
Impact strength	Non	ninal thickness (mm)	Valu	ies (J)	
	>	≤		nin	
		140	27 at 0°C		
Weldability	Non	ninal thickness (mm)	Valu	es (%)	
	>	≤	<u> </u>	nax	
		30		,35	
	30	40		,35	
	40	140	0,38		
Durability		ninal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		nax	
		140	C*: 0,17	Cu : 0,55	
			Mn : 1,40	S: 0,035	
			P: 0,035	N** : 0,012	
		nal thickness >100 mm: C content value for nitrogen does not apply		shows a minimum total AI	
		0,020% or if sufficient other N bind		Shows a minimum total Al	



(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
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System of assessment and verification of constancy of performance of the product:

System 2+

Notified factory production control certification body No. 1823 QUALITAS 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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Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on	Angles		EN1	0056-2	
dimensions and shape		I and H sections	EN	10034	
Ī		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat / S	Square / Round / T bars	EN 10058/EN 10059	9/EN 10060/EN 10055	
Yield strength	Nom	inal thickness (mm)	Value	s (MPa)	
Ţ.	>	≤ , ,		nin	
		16	2	235	
	16	40	2	225	
	40	63			
	63	80	2	215	
	80	100			
	100	140	1	95	
Tensile strength	Nom	inal thickness (mm)	Value	s (MPa)	
_	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nom	inal thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
	=3	40	26		
	40	63	25		
	63	100		24	
	100	140	22		
Impact strength	Nom	inal thickness (mm)	Valu	ies (J)	
	>	≤		nin	
		140		t -20°C	
Weldability	Nom	inal thickness (mm)	Valu	es (%)	
	>	≤	<u> </u>	nax	
		30		,35	
	30	40		,35	
	40	140	0,38		
Durability		inal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		nax	
		140	C*: 0,17	Cu: 0,55	
			Mn : 1,40	S:0,030	
			P:0,030		
		nal thickness >100 mm: C content steel containing nitrogen binding e		to hind the available nitrogen	
		e min. 0,02% AI)	acinem in amounts sufficient	to bind the available hittogen	



(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
Soseaua Hunedoara-Santuhalm, no. 4
Cod 331111, Hunedoara – Romania
Tel 004-0254712785
Fax 004-0254715311
www.arcelormittal.com/sections

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

System 2+

Notified factory production control certification body No. 1823 QUALITAS 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:

Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

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Huns

Essential characteristic			Performance		Harmonised technical specification
Tolerances on		Angles	EN10056-2		_
dimensions and shape	I and H sections		FN	N 10034	
		Tapered Flange I		V 10024	
		UPE, UPN		N 10279	
	Flat /	Square / Round / T bars		59/EN 10060/EN 10055	
Yield strength		minal thickness (mm)		ies (MPa)	
3.	>	≤ ,		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Noi	minal thickness (mm)	Valu	ies (MPa)	
3	>	≤ ,	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Noi	minal thickness (mm)	Values (%)		
	^	≤	min		EN 10025-1:2004
	=3	40	23		214 10020 1.2004
	40	63	22		
	63	100		21	
	100	140	19		
Impact strength	Noi	minal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140	27	at +20°C	
Weldability	No	minal thickness (mm)	Va	ues (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140	0,42		
Durability		minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
		140	C*: 0,21	Cu : 0,55	
			Mn : 1,50	S: 0,040	
			P: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				
		f 0,020% or if sufficient other N bind		i snows a minimum total Al	



(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
Soseaua Hunedoara-Santuhalm, no. 4
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System of assessment and verification of constancy of performance of the product:

System 2+

Notified factory production control certification body No. 1823
QUALITAS 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:

Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Huns

Essential characteristic			Performance		Harmonised technical specification
Tolerances on		Angles	EN10056-2		_
dimensions and shape	I and H sections		F	N 10034	
		Tapered Flange I		N 10024	
		UPE, UPN		N 10279	
	Flat /	Square / Round / T bars		059/EN 10060/EN 10055	
Yield strength		minal thickness (mm)		ues (MPa)	
3.	>	≤	-	min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Nor	minal thickness (mm)	Val	ues (MPa)	
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nor	minal thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
	=3	40	23		
	40	63	22		
	63	100		21	
	100	140		19	
Impact strength	Nor	minal thickness (mm)	Va	alues (J)	
	>	≤		min	
		140		7 at 0°C	
Weldability		minal thickness (mm)	Va	ilues (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140	0,42		
Durability		minal thickness (mm)	Va	ilues (%)	
(Chemical composition)	>	<u>≤</u>	0* 0.40	max	
		140	C*: 0,18	Cu: 0,55	
,			Mn : 1,50	S: 0,035	
	* Eor no	inal thickness >100 mm; C contact	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				
		f 0,020% or if sufficient other N bind		·	



(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
Soseaua Hunedoara-Santuhalm, no. 4
Cod 331111, Hunedoara – Romania
Tel 004-0254712785
Fax 004-0254715311
www.arcelormittal.com/sections

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

System 2+

Notified factory production control certification body No. 1823
QUALITAS 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:

Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on		Angles	EN10	0056-2	
dimensions and shape		I and H sections	EN ·	10034	
		Tapered Flange I		10024	
		UPE, UPN	EN ·	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10059	9/EN 10060/EN 10055	
Yield strength	No	minal thickness (mm)	Value	s (MPa)	
	>	≤	n	nin	
		16	2	75	
	16	40	2	65	
	40	63		55	
	63	80	2	45	
	80	100		35	
	100 140 225		25		
Tensile strength	No	minal thickness (mm)	Value	s (MPa)	
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	400 540	
Elongation	No	minal thickness (mm)	Valu	es (%)	
	>	≤		nin	EN 10025-1:2004
	=3	40		23	
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength		minal thickness (mm)		es (J)	
	>	≤		nin	
		140		-20°C	
Weldability		minal thickness (mm)		es (%)	
	>	≤	<u> </u>	nax	
		30		,40	
	30	40	0,40		
	40	140	0,42		
Durability		minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max		
	140 C*: 0,18 Cu: 0,55				
			Mn : 1,50	S: 0,030	
	* Far n	singly thinks and a 100 mans of a contract	P:0,030		
		ninal thickness >100 mm: C content d steel containing nitrogen binding e		to bind the available nitrogen	
		ple min. 0,02% AI)		210 G.G.G.G.G.G.G.G.G.G.G.G.G.G.G.G.G.G.G.	



(according to regulation EU No 305/2011)

No. AMHU-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 Hunedoara SA
Soseaua Hunedoara-Santuhalm, no. 4
Cod 331111, Hunedoara – Romania
Tel 004-0254712785
Fax 004-0254715311
www.arcelormittal.com/sections

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

System 2+

Notified factory production control certification body No. 1823 QUALITAS 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:

Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	EN 10034		
		Tapered Flange I		10024	
		UPE, UPN	EN ·	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10059	9/EN 10060/EN 10055	
Yield strength	No	minal thickness (mm)	Value	s (MPa)	
	>	≤ .	n	nin	
		16	3	55	
	16	40	3	45	
	40	63	3	35	
	63	80		25	
	80	100		15	
	100	140	2	95	
Tensile strength	No	Nominal thickness (mm) Values (MPa)			
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation		minal thickness (mm)		es (%)	
	>	≤	min		EN 4000E 4.0004
	=3	40		22	EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		minal thickness (mm)		ies (J)	
	>	≤	•	nin	
Maldabilit.	NI.	140		+20°C	
Weldability	NOI >	minal thickness (mm) ≤	1	es (%)	
		30		nax .45	
	30	40		,45 ,47	
	40	140		.47	
Durability	. •	minal thickness (mm)	0,47 Values (%)		
(Chemical composition)	>	<u>≤</u>	max		
(140	C*: 0,20	Cu : 0,55	
			Si : 0,55	S: 0.040	
			Mn : 1,60	N** : 0,012	
			P:0,035	,	
	* For nominal thickness >100 mm: C content upon agreement.				
		ax. value for nitrogen does not apply f 0,020% or if sufficient other N bindi		shows a minimum total Al	
	content o	1 0,020 % OF IT SUMCIENT OTHER IN DING	ing elements are present		



(according to regulation EU No 305/2011)

No. AMHU-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

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

System 2+

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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.

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Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on	Angles		EN10056-2		
dimensions and shape		I and H sections	EN 10034		
		Tapered Flange I	EN 1	10024	
	UPE, UPN		EN 1	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10059	/EN 10060/EN 10055	
Yield strength	No	minal thickness (mm)	Values	s (MPa)	
	>	≤ .	n	nin	
		16	3	55	
	16	40	3	45	
	40	63	3	35	
	63	80		25	
	80	100		15	
	100	140	2	95	
Tensile strength	Nominal thickness (mm) Values (MPa)				
	>	≤	min	max	
	=3	100	470	630	
	100		140 450 600		
Elongation		minal thickness (mm)		es (%)	
	>	≤	min		EN 4000E 4.0004
	=3	40		22	EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		minal thickness (mm)		es (J)	
	>	≤	min 27 at 0°C		
Maldahilit.	N.	140			
Weldability	NOI >	minal thickness (mm) ≤		es (%)	
		30		145	
	30	40		47	
	40	140		47	
Durability		minal thickness (mm)	Values (%)		
(Chemical composition)	>	<u> </u>	max		
(Grieninean composition)	_	140	C*: 0,20	Cu : 0,55	
			Si : 0,55	S: 0,035	
			Mn : 1,60	N** : 0,012	
			P: 0,035		
		inal thickness > 30 mm C: 0,22. For	nominal thickness >100 mm:		
		ax. value for nitrogen does not apply		hows a minimum total Al	
	content o	f 0,020% or if sufficient other N bind	ing elements are present		



(according to regulation EU No 305/2011)

No. AMHU-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

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

System 2+

Notified factory production control certification body No. 1823
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Pawar, Dayananda-Rao CEO Cristea Ileana Quality Manager

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on	Angles		EN1	0056-2	
dimensions and shape		and H sections	EN	10034	
		apered Flange I		10024	
		UPE, UPN		10279	
	Flat / S	quare / Round / T bars		9/EN 10060/EN 10055	
Yield strength		inal thickness (mm)		s (MPa)	
g	>	≤		nin	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength		inal thickness (mm)	Values (MPa)		
3	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nomi	inal thickness (mm)	Valu	es (%)	
_	>	≤	min		EN 10025-1:2004
	=3	40	22		LIV 10025-1.2004
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	Nomi	inal thickness (mm)	Valu	ies (J)	
	>	≤	r	nin	
		140	27 a	t -20°C	
Weldability	Nomi	inal thickness (mm)	Valu	es (%)	
	^	≤	n	nax	
		30	0	,45	
	30	40	0	,47	
	40	140	0,47		
Durability	Nomi	inal thickness (mm)	Valu	es (%)	
(Chemical composition)	>	≤		nax	
		140	C*: 0,20	Cu: 0,55	
			Si: 0,55	S:0,030	
			Mn : 1,60	P:0,030	
		al thickness > 30 mm C: 0,22. For teel containing nitrogen binding e			
		teel containing nitrogen binding e min. 0,02% AI)	ement in amounts sufficient	to bind the available hitrogen	