

(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on	Angles		EN	10056-2	
dimensions and shape	la	and H sections	13 13	N 10034	
	Та	pered Flange I	13	N 10024	
		UPE, UPN	13	N 10279	
	Flat / Sq	uare / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nomin	al thickness (mm)	Valu	ies (MPa)	
	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140	195		
Tensile strength	Nomin	al thickness (mm)	Valu	ies (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nomin	al thickness (mm)	Va	lues (%)	
	>	≤	min		EN 10025-1:200
	=3	40	26		
	40	63	25		
	63	100		24	
	100	140	22		
Impact strength		al thickness (mm)	Va	lues (J)	
	>	<u>≤</u>		min	
M - 1 - 1 - 1 - 11 - 1 - 11 - 1		140	27 at +20°C		
Weldability		al thickness (mm) ≤	va	lues (%)	
	>	30		max 0,35	
	30	40		0,35	
	40	140		0,38	
Durability		al thickness (mm)	Va	lues (%)	
(Chemical composition)	>	<u>≤</u>		max	
(-	140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,040	
			P : 0.040	N** : 0.012	
	* For nominal	thickness > 40 mm C: 0,20. Fo		nm: C content upon agreement	
	** The max. va	lue for nitrogen does not apply 20% or if sufficient other N bind	if the chemical compositio		



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic		Perfe	ormance	Harmonised technical specification	
Tolerances on	Angles		EN	10056-2	
dimensions and shape	I and H sections		EN	10034	
	-	Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat / S	Square / Round / T bars	EN 10058/EN 1005	9/EN 10060/EN 10055	
Yield strength	Nom	inal thickness (mm)	Valu	es (MPa)	
_	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140	195		
Tensile strength	Nom	inal thickness (mm)	Value	es (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nom	inal thickness (mm)	Val	ues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40	26		
	40	63	25		
	63	100		24	
	100	140	22		
Impact strength	Nom	inal thickness (mm)	Values (J)		
	>	≤		min	
		140		at 0°C	
Weldability	Nom	inal thickness (mm)	Values (%)		
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140		0,38	
Durability		inal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,035	
			P:0,035	N** : 0,012	
		al 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 minimulli luldi Al	



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al characte	eristic	Per	formance	Harmonised technical specification
Tolerances on		Angles	EN	10056-2	
dimensions and shape		and H sections	13	N 10034	
		apered Flange I		N 10024	
		UPE, UPN		N 10279	
	Flat / So	uare / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nomi	nal thickness (mm)	Valu	ues (MPa)	
-	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140	195		
Tensile strength	Nomii	nal thickness (mm)	Values (MPa)		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nomii	nal thickness (mm)	Va	lues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40	26		
	40	63	25		
	63	100		24	
	100	140	22		
Impact strength		nal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at -20°C	
Weldability		nal thickness (mm)	Values (%)		
	>	<u>≤</u> 30		max 0.35	
	30	40		0,35	
	30 40	40		0,35	
Durability		nal thickness (mm)	Va	-]	
(Chemical composition)			Va	lues (%)	
(Chemical composition)	>	<u>≤</u> 140	C* : 0,17	max Cu : 0,55	
		140		1	
			Mn : 1,40 P : 0.030	S : 0,030	
	* For nomina	thickness >100 mm: C content	- ,		
	Fully killed st			nt to bind the available nitrogen	



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic		Performance		Harmonised technical specification	
Tolerances on	Angles		EN	10056-2	
dimensions and shape	١a	and H sections	El	N 10034	
	Ta	pered Flange I	EI	N 10024	
		UPE, UPN	E	N 10279	
	Flat / Sq	uare / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nomin	al thickness (mm)	Valu	ues (MPa)	
-	>	≤		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140	225		
Tensile strength	Nomin	al thickness (mm)	Valı	ues (MPa)	
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nomin	al thickness (mm)	Va	lues (%)	
	>	≤	min		EN 10025-1:20
	=3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength		al thickness (mm)	Va	alues (J)	
	>	≤		min	
		140		at +20°C	
Weldability		al thickness (mm)	Values (%)		
	>	≤ 30		max	
	00			0,40	
	30	40		0,40	
Denselelliter	40	140		0,42	
Durability (Chemical composition)		al thickness (mm)	Va	lues (%)	
(Unemical composition)	>	<u>≤</u> 140	C* : 0,21	max	
		140	Mn : 1,50	Cu : 0,55 S : 0,040	
			P : 0.040	N** : 0,012	
	* For pominal	thickness > 10 mm C · 0 22 Ea	-)	nm: C content upon agreement	
		alue for nitrogen does not apply			



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

	al characte	eristic	Perfe	ormance	Harmonised technical specification
Tolerances on	Angles		EN	10056-2	
dimensions and shape	-	and H sections	EN	10034	
	Ta	apered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat / Sc	uare / Round / T bars	EN 10058/EN 1005	9/EN 10060/EN 10055	
Yield strength	Nomir	nal thickness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Nomir	nal thickness (mm)	Valu	es (MPa)	
-	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		Val	ues (%)	
	>	≤	min		EN 10025-1:200
	=3	40	23		
	40	63		22	
	63	100		21	
	100	140	19		
Impact strength	Nomir	nal thickness (mm)	Val	ues (J)	
	>	≤		min	
		140		at 0°C	
Weldability	Nomir	nal thickness (mm)	Values (%)		
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140		0,42	
Durability	Nomir	nal thickness (mm)	Val	ues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,18	Cu : 0,55	
			Mn : 1,50	S : 0,035	
			P:0,035	N** : 0,012	
		thickness >100 mm: C content value for nitrogen does not apply		about a minimum (-(-) Al	
		alue for nitrogen does not apply		shows a minimum total Al	



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Angles I and H sections Tapered Flange I UPE, UPN Square / Round / T bars minal thickness (mm) ≤ 16 40 63 80 100 140 minal thickness (mm) ≤ 100	EN 10058/EN 100 Valu	10056-2 10034 10024 10279 59/EN 10060/EN 10055 tes (MPa) min 275 265 255 245 235 225 tes (MPa) max	
Tapered Flange I UPE, UPN Square / Round / T bars minal thickness (mm) ≤ 16 40 63 80 100 140 120 140 100 140 100 140 100 100 100 140 100	EN 10058/EN 100 EN 10058/EN 100 Valu	N 10024 N 10279 59/EN 10060/EN 10055 es (MPa) min 275 265 255 245 235 225 225 225 es (MPa)	
UPE, UPN Square / Round / T bars ninal thickness (mm) ≤ 16 40 63 80 100 140 ninal thickness (mm) ≤ 100	EN 10058/EN 100 Valu	N 10279 59/EN 10060/EN 10055 es (MPa) min 275 265 255 245 235 245 235 225 es (MPa)	
Square / Round / T bars ninal thickness (mm) ≤ 16 40 63 80 100 140 ninal thickness (mm) ≤ 100	EN 10058/EN 100 Valu	59/EN 10060/EN 10055 es (MPa) min 275 265 255 245 235 225 225 es (MPa)	
ninal thickness (mm) ≤ 16 40 63 80 100 140 ninal thickness (mm) ≤ 100	Valu	es (MPa) min 275 265 255 245 235 225 225 es (MPa)	
≤ 16 40 63 80 100 140 ninal thickness (mm) ≤ 100	Valu min	min 275 265 255 245 235 225 225 es (MPa)	
16 40 63 80 100 140 minal thickness (mm) ≤ 100	min	275 265 255 245 235 225 es (MPa)	
40 63 80 100 140 ninal thickness (mm) ≤ 100	min	265 255 245 235 225 es (MPa)	
63 80 100 140 ninal thickness (mm) ≤ 100	min	255 245 235 225 es (MPa)	
80 100 140 ninal thickness (mm) ≤ 100	min	245 235 225 es (MPa)	
100 140 ninal thickness (mm) ≤ 100	min	235 225 es (MPa)	
140 ninal thickness (mm) ≤ 100	min	225 Ies (MPa)	
ninal thickness (mm) ≤ 100	min	ies (MPa)	
≤ 100	min	<u> </u>	
100		max	
	410	тах	
		560	
140	400	540	
ninal thickness (mm)	Values (%)		
≤	min		EN 10025-1:200
40	23		
63	22		
100	21		
140	19		
ninal thickness (mm)	Values (J)		
≤		min	
140		at -20°C	
minal thickness (mm) ≤	Values (%)		
30		max 0,40	
40		0.40	
	Va		
· /		1 /	
	C* : 0,18	Cu : 0,55	
140		,	
140	P:0,030		
140	- ,	1	
 r	140 minal thickness (mm) ≤ 140	140 Val ≤ Val 140 C* : 0,18 Mn : 1,50 Mn : 1,50	140 0,42 minal thickness (mm) Values (%) ≤ max 140 C* : 0,18 Cu : 0,55 Mn : 1,50 S : 0,030 P : 0,030 P : 0,030



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	acteristic	Perf	ormance	Harmonised technical specification
Tolerances on		Angles	EN	10056-2	
dimensions and shape	I and H sections		EN	10034	
		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	No	minal thickness (mm)	Valu	es (MPa)	
_	>	<u> </u>		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	No	minal thickness (mm)	Valu	es (MPa)	
	^	И	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	No	minal thickness (mm)	Val	ues (%)	
	>	VI	min		
	=3	40	22		EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		minal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at +20°C	
Weldability		minal thickness (mm)	Vai	ues (%)	
	>	≤		max	
	00	30		0,45	
	30	40		0,47	
Durability	40	140 minal thickness (mm)		0,47 ues (%)	
(Chemical composition)				\ /	
(Chemical composition)	>	<u> </u>	C* : 0.24	max Cu : 0.55	
		140	Si : 0,55	S : 0,040	
			Mn : 1,60	N** : 0,012	
			P:0,040	IN . U,UIZ	
	* For nom	inal thickness >100 mm: C content			
	** The ma	ax. value for nitrogen does not apply	if the chemical composition	n shows a minimum total Al	
	content of	f 0,020% or if sufficient other N bind	ling elements are present		



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essenti	al chara	acteristic	Perf	ormance	Harmonised technical specification
Tolerances on		Angles	EN	10056-2	
dimensions and shape	I and H sections		EN	10034	
		Tapered Flange I	EN	10024	
		UPE, UPN	EN	10279	
	Flat /	Square / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	No	minal thickness (mm)	Valu	es (MPa)	
	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	No	minal thickness (mm)	Valu	ies (MPa)	
	>	5	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	No	minal thickness (mm)	Va	ues (%)	
	^	≤	min		
	=3	40	22		EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		minal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at 0°C	
Weldability		minal thickness (mm)	Va	ues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140		0,47	
Durability		minal thickness (mm)	Va	ues (%)	
(Chemical composition)	>	<u>≤</u>	0.1.0.00	max	
		140	C* : 0,20	Cu : 0,55	
			Si: 0,55	S: 0,035	
			Mn : 1,60	N** : 0,012	
	+	in dubidur en an	P:0,035		
		ninal thickness > 30 mm C: 0,22. Fo			
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total AI content of 0,020% or if sufficient other N binding elements are present				



(according to regulation EU No 305/2011)

No. AMOS-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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Tolerances on dimensions and shape	Т	Angles and H sections apered Flange I		0056-2	
	Т	apered Flange I	EN 2		
Yield strength				10034	
Yield strength	Flat / So		EN 2	10024	
Yield strength	Flat / So	UPE, UPN	EN ²	10279	
Yield strength		quare / Round / T bars	EN 10058/EN 10059	/EN 10060/EN 10055	
	Nomi	nal thickness (mm)	Value	s (MPa)	
	>	≤	n	nin	
		16	3	55	
	16	40	3	45	
	40	63	3	35	
	63	80	3	25	
	80	100		15	
	100	140	2	95	
Tensile strength	Nomi	nal thickness (mm)	Value	s (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nomi	nal thickness (mm)	Valu	es (%)	
	>	≤	min		EN 10025-1:200
	=3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength		nal thickness (mm)	Values (J)		
	>	≤		nin	
		140		-20°C	
Weldability		nal thickness (mm)	Values (%)		
	>	<u>≤</u> 30		iax	
-	20			,45	
	30	40		,47	
Dunchility	40	140		,47	
Durability (Chemical composition)		nal thickness (mm)		es (%)	
	>	<u>≤</u> 140		ax	
		140	C*:0,20	Cu: 0,55	
			Si : 0,55 Mn : 1.60	S : 0,030 P : 0.030	
		I thickness > 30 mm C: 0,22. For			



(according to regulation EU No 305/2011)

No. AMOS-2/10-CPR-13-1

1) Code of the product type: **1.0596**

2) Type: Sections/Bars S355K2 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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

	Essential characteristic		Perf	ormance	Harmonised technical specification
Tolerances on	Angles		EN	10056-2	
dimensions and shape	1	and H sections	EN	I 10034	
	Ta	apered Flange I	EN	I 10024	
		UPE, UPN	EN	l 10279	
	Flat / Sq	uare / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	Nomir	al thickness (mm)	Valu	es (MPa)	
-	>	≤ .		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140	295		
Tensile strength	Nomir	al thickness (mm)	Values (MPa)		
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Val	ues (%)	
	>	≤	min		EN 10025-1:200
	=3	40	22		
	40	63	21		
	63	100		20	
	100	140	18		
Impact strength		al thickness (mm)	Va	lues (J)	
	>	<u>≤</u> 140	40	min	
Weldability	Nomir	al thickness (mm)	-	at -20°C	
weidability	>		Values (%) max		
		30		0,45	
	30	40		0.47	
	40	140		0,47	
Durability		al thickness (mm)		ues (%)	
(Chemical composition)	>	≤	, Tu	max	
(-	140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,030	
			Mn : 1.60	P : 0,030	
	* For nominal	thickness > 30 mm C: 0,22. Fo			
		el containing nitrogen binding e nin. 0,02% AI)	element in amounts sufficier	t to bind the available nitrogen	



No. AMOS-4/03-CPR-13-1

1) Code of the product type: **1.8823**

2) Type: Sections/Bars S355M according EN 10025-4

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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Performance			
Tolerances on	Angles		EN10056-2			specification
dimensions and shape	I and H sections			EN 10034		
		apered Flange I		EN 10024		
		UPE, UPN		EN 10279		
	Flat / Sq	uare / Round / T bars	EN 10058/E	N 10059/EN 1	0060/EN 10055	
Yield strength	Nomir	al thickness (mm)		Values (MPa	a)	
	>	≤		min		
		16		355		
	16	40		345		
	40	63		335		
	63	80		325		
	80	100		325		
	100	140		320		
Tensile strength		al thickness (mm)		Values (MPa		
	>	≤	min		max	
		40	470		630	
	40	63	450		610	
	63	80	440		600	
	80	100	440		600	
	100	140	430		590	
Elongation		al thickness (mm) ≤	Values (%) min		EN 10025-1:200	
	>	<u> </u>				
Impact strength	Nomir			Values (J)		
impact strength	Nominal thickness (mm) > ≤		min			
	>	140		40 at -20°C	•	
Weldability	Nomir	nal thickness (mm)	Values (%)			
weidability	>		max			
		16		0.39		
	16	40		0,39		
	40	63		0,40		
	63	140		0.45		
Durability		al thickness (mm)		Values (%)		
(Chemical composition)	>	≤ , ,	min		nax	
,		140		C : 0,16	Ti : 0,05	
				Mn : 1,60	Cr: 0,30	
				Si: 0,50	Mo : 0,10	
				P : 0,035 S : 0,030	Ni : 0,50 Cu : 0,55	
				S : 0,030 Nb : 0,05	N : 0,015	
				V:0,00	11.0,010	
			Al* : 0.02	v . 0, 10		



No. AMOS-5/01-CPR-13-1

Code of the product type: **1.8959**

1)

2) Type: Sections/Bars S355J0W according EN 10025-5

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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic			Performance			
Tolerances on		Angles	EN10056-2			specification
dimensions and shape		I and H sections		EN 10034		
		Tapered Flange I		EN 10024		
		UPE, UPN		EN 10279		
	Flat /	Square / Round / T bars	EN 10058/E	N 10059/EN 10	060/EN 10055	
Yield strength		ninal thickness (mm)		Values (MPa)	
-	>	≤		min		
		16		355		
	16	40		345		
Tensile strength	No	minal thickness (mm)		Values (MPa		
	>	4	min		max	
	=3	40	470		630	
Elongation	No	minal thickness (mm)		Values (%)		
	>	<u> </u>	min			
	=3	40		22		1
Impact strength		minal thickness (mm)		Values (J)		
	>	<u>≤</u>	min 27 at 0°C			
M - I - I - II - II - II - I	N	40				EN 10025-1:200
Weldability		minal thickness (mm)	Values (%)			
	>	<u>≤</u> 16	NPD			
	16	40	NPD			
Durability	-	minal thickness (mm)		Values (%)		
(Chemical composition)	>		min		ax	
、 · · ,		40		C : 0,16 Si : 0,50 P : 0,040	S : 0,040 N* : 0,009	
			Mn: 0,50 Mn: 1,50 Cu: 0,25 Cu: 0,55 Cr: 0,40 Cr: 0,80			
	Pmax cor more than minimum	* It is permissible to exceed the specified values provided that for each increase of 0,001 % N, the Pmax content will be reduced by 0,005%; the N content of the ladle analysis, however, shall not be more than 0,012%. The max, value for nitrogen does not apply if the chemical composition shows a minimum total AI content of 0,020% or if sufficient other N binding elements are present. The N binding elements shall be mentioned in the inspection document.				
	The steels may show a Ni content of max. 0,65%. The steels may contain max. 0,30% Mo and max. 0,15% Zr.					



No. AMOS-5/02-CPR-13-1

1) Code of the product type: **1.8965**

2) Type: Sections/Bars S355J2W according EN 10025-5

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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

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		EN 10058/EN 10059/EN 10060/EN 10055					
Yield strength	Nominal thickness (mm)		Values (MPa)					
	> ≤		min					
		16	355					
	16	40	345					
Tensile strength	Nominal thickness (mm)		Values (MPa)					
	>	×	min			max		
	=3	40	470			630		
Elongation	Nominal thickness (mm)			Values	(%)			
	>	4	min					
	=3	40		22				
Impact strength	Nominal thickness (mm)		Values (J)					
	>	<u>≤</u>	min					
		40	27 at -20°C					
Weldability	Nominal thickness (mm)		Values (%)			EN 10025-1:2004		
	>	<u>≤</u>						
		16	NPD					
	16	40						
Durability		minal thickness (mm)		Values (%)				
(Chemical composition)	>	<u>≤</u>	min	max				
		40		C:0,16		S:0,035		
				Si : 0,50 P : 0,035		N* : 0,009		
			Mn : 0.50			1.50		
			Cu : 0,25			0,55		
			Cr: 0,40	Cr : 0,80				
	* It is perr Pmax cor more thar minimum							
	Addition of total ≥ 0,0 used in co							
	The steel 0,15% Zr							
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% AI)							



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No. AMOS-5/03-CPR-13-1 Code of the product type: **1.8967**

1)

2) Type: Sections/Bars S355K2W according EN 10025-5

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 Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 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. 1020 Technical and Test Institute for Construction Prague (TZUS) 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 certificates 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:

Alan Dorňák Director of Rolling Mills

Essential characteristic				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		EN 10058/EN 10059/EN 10060/EN 10055			
Yield strength	Nominal thickness (mm)		Values (MPa)			
	> ≤		min			
		16	355			
	16	40	345			
Tensile strength	Nominal thickness (mm)		Values (MPa)			
	>	VI	min		max	
	=3	40	470		630	
Elongation	Nominal thickness (mm)		Values (%)			
	>	4	min			
	=3	40	22			
Impact strength	Nominal thickness (mm)		Values (J)			
	>	4	min			
		40	40 at -20°C			
Weldability	Nominal thickness (mm)		Values (%)			EN 10025-1:2004
	>	<u>≤</u>	NDD			
	10	16	NPD			
B	16	40				
Durability		minal thickness (mm)		Values (%		
(Chemical composition)	>	<u>≤</u>	min	0.040	max	
		40		C:0,16	S : 0,035 N* : 0,009	
				Si : 0,50 P : 0,035	N 10,009	
			Mn : 0,50		n : 1,50	
			Cu : 0,25		1:0,55	
			Cr: 0,40	Cr : 0,80		
	* It is perr Pmax cor more thar minimum Addition c					
	total ≥ 0,0 used in co					
	The steel 0,15% Zr. Fully kille					
	(for exam					