

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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Pe	erformance	Harmonised technical specification
Tolerances on	Angles		EN10056-2		
dimensions and shape		I and H sections	E	EN 10034	
		Tapered Flange I	E	EN 10024	
		UPE, UPN	E	EN 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10	0059/EN 10060/EN 10055	
Yield strength	Nor	ninal thickness (mm)	Va	lues (MPa)	
_	>	<u>≤</u>		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140		195	
Tensile strength	Nor	ninal thickness (mm)	Va	lues (MPa)	
	>	5	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nor	ninal thickness (mm)	Values (%)		
	>	5	min		EN 10025-1:2004
	=3	40	26		
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength	Nor	ninal thickness (mm)	۱ ۱	/alues (J)	
	>	≤		min	
		140		7 at +20℃	
Weldability	Nor	ninal thickness (mm)	V	alues (%)	
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140	0,38		
Durability	Nor	ninal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max C*: 0,17 Cu: 0,55		
		140			
			Mn : 1,40	S : 0,040]
			P:0,040	N** : 0,012	
	** The ma	inal thickness > 40 mm C: 0,20. Fo x. value for nitrogen does not apply 6 0,020% or if sufficient other N bind	y if the chemical composi	tion shows a minimum total AI	



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Pe	rformance	Harmonised technical specification		
Tolerances on	Angles		EN10056-2		EN10056-2		
dimensions and shape		I and H sections	E	EN 10034			
		Tapered Flange I	E	EN 10024			
		UPE, UPN	E	EN 10279			
	Flat /	Square / Round / T bars	EN 10058/EN 10	059/EN 10060/EN 10055			
Yield strength	No	minal thickness (mm)	Va	lues (MPa)			
_	>	<u>≤</u>		min			
		16		235			
	16	40		225			
	40	63					
	63	80		215			
	80	100					
	100	140		195			
Tensile strength	No	minal thickness (mm)	Va	lues (MPa)			
	>	4	min	max			
	=3	100	360	510			
	100	140	350	500			
Elongation	No	minal thickness (mm)	Values (%) min				
	>	VI			EN 10025-1:2004		
	=3	40		26			
	40	63		25			
	63	100		24			
	100	140		22			
Impact strength	No	minal thickness (mm)	V	/alues (J)			
	>	SI N		min			
		140		27 at 0℃			
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 C* : 0,17 Cu : 0,55				
		140					
	Mn : 1,40 S : 0,035			ļ			
			P:0,035	N** : 0,012			
	** The ma	ninal thickness >100 mm: C content ax. value for nitrogen does not apply f 0,020% or if sufficient other N bind	if the chemical composit				



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Pe	rformance	Harmonised technical specification
Tolerances on	Angles		EN10056-2		
dimensions and shape		I and H sections	E	N 10034	
		Tapered Flange I	E	N 10024	
		UPE, UPN	E	N 10279	
	Flat / S	Square / Round / T bars	EN 10058/EN 10	059/EN 10060/EN 10055	
Yield strength	Nom	ninal thickness (mm)	Va	lues (MPa)	
	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140		195	
Tensile strength	Non	ninal thickness (mm)	Va	Values (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Norr	ninal thickness (mm)	Values (%)		
	>	≤	min		EN 10025-1:2004
	=3	40		26	
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength		ninal thickness (mm)	V	alues (J)	
	>	≤		min	
		140		7 at -20℃	-
Weldability	Nom	ninal thickness (mm)	V	alues (%)	
	>	≤		max	
		30		0,35	-
	30	40		0,35	
	40	140	0,38		
Durability		ninal thickness (mm)	Values (%)		4
(Chemical composition)	>	≤		max	4
		140	C* : 0,17	Cu : 0,55	4
			Mn : 1,40	S : 0,030	-
			P:0,030		
	Fully killed	nal thickness >100 mm: C content steel containing nitrogen binding e le min. 0,02% AI)		ent to bind the available nitrogen	



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Perfor	mance	Harmonised technical specification		
Tolerances on	Angles		EN10056-2		EN10056-2		
dimensions and shape	I and H sections		EN 1	0034			
		Tapered Flange I	EN 1	0024			
		UPE, UPN	EN 1	0279			
	Flat /	Square / Round / T bars	EN 10058/EN 10059	/EN 10060/EN 10055			
Yield strength	No	minal thickness (mm)	Values	s (MPa)			
_	>	≤	r	nin			
		16	2	75			
	16	40	2	65			
	40	63	2	55			
	63	80	2	45			
	80	100	2	35			
	100	140	2	25			
Tensile strength	No	minal thickness (mm)	Values	s (MPa)			
	>	VI	min	max			
	=3	100	410	560			
	100	140	400	540			
Elongation	No	minal thickness (mm)	Values (%)				
	>	 S 		nin	EN 10025-1:2004		
	=3	40		23			
	40	63	-	22			
	63	100		21			
	100	140	1	9			
Impact strength	No	minal thickness (mm)		es (J)			
	>	 		nin			
		140	27 at				
Weldability		minal thickness (mm)	Value	es (%)			
	>	≤		ax			
		30	-)	40			
	30	40	,	40			
	40	140	0,42				
Durability	No	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						
		ax. value for nitrogen does not apply f 0,020% or if sufficient other N bind		nows a minimum total Al			



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Perfo	rmance	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	No	ninal thickness (mm)	Value	s (MPa)	
_	>	≤	n	nin	
		16	2	275	
	16	40	2	265	
	40	63	2	255	
	63	80	2	245	
	80	100	2	35	
	100	140	2	25	
Tensile strength	Noi	ninal thickness (mm)	Value	s (MPa)	
	>	<	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	No	minal thickness (mm)	Values (%)		
	>	≤		nin	EN 10025-1:2004
	=3	40		23	
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength	No	ninal thickness (mm)		ies (J)	
	>	≤		nin	
		140		at 0℃	
Weldability		ninal thickness (mm)	Valu	es (%)	
	>	≤		าลx	
		30		,40	
	30	40		,40	
	40	140	0,42		
Durability		ninal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max		
		140	C* : 0,18 Cu : 0,55		
			Mn : 1,50	S : 0,035	
			P : 0,035	N** : 0,012	
	** The ma	inal thickness >100 mm: C content x. value for nitrogen does not apply 0,020% or if sufficient other N bind	if the chemical composition s	shows a minimum total Al	



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Pert	formance	Harmonised technical specification
Tolerances on	Angles		EN	10056-2	
dimensions and shape		I and H sections	13	N 10034	
		Tapered Flange I	E	N 10024	
		UPE, UPN	E	N 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 100	59/EN 10060/EN 10055	
Yield strength	No	ninal thickness (mm)	Valu	ies (MPa)	
-	>	≤		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Noi	ninal thickness (mm)	Values (MPa)		
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	No	minal thickness (mm)	Values (%)		
	>	≤		min	EN 10025-1:2004
	=3	40		23	
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength	No	ninal thickness (mm)	Va	lues (J)	
	>	≤		min	
		140		at -20℃	
Weldability		ninal thickness (mm)	Va	lues (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140	0,42		
Durability	No	ninal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max		
		140	C* : 0,18 Cu : 0,55		
		Mn : 1,50 S : 0,030		S : 0,030	
			P:0,030		
	Fully kille	inal thickness >100 mm: C content d steel containing nitrogen binding e ple min. 0,02% AI)		nt to bind the available nitrogen	



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Per	rformance	Harmonised technical specification
Tolerances on		Angles	E	N10056-2	
dimensions and shape		I and H sections	E	N 10034	
		Tapered Flange I	E	N 10024	
		UPE, UPN	E	N 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10	059/EN 10060/EN 10055	
Yield strength	Nor	ninal thickness (mm)	Val	ues (MPa)	
_	>	<u>≤</u>		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Nor	ninal thickness (mm)	Val	ues (MPa)	
_	>	<u>≤</u>	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nor	ninal thickness (mm)	Va	alues (%)	
	>	≤	min		
	=3	40	22		EN 10025-1:2004
	40	63	21		
	63	100		20	
	100	140		18	
Impact strength	Nor	minal thickness (mm)	Values (J)		
	>	≤		min	
		140		′ at +20℃	
Weldability	Nor	ninal thickness (mm)	Va	alues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140		0,47	
Durability	Nor	minal thickness (mm)	Values (%)		
(Chemical composition)	>	<u>≤</u>		max	
	└────┤	140	C* : 0,24	Cu : 0,55	
	⊢		Si : 0,55	S:0,040	
	⊢		Mn : 1,60	N** : 0,012	
			P:0,040		
	** The ma	inal thickness >100 mm: C content ix. value for nitrogen does not apply	/ if the chemical compositi	on shows a minimum total Al	
		x. value for nitrogen does not apply 0,020% or if sufficient other N bind		on shows a minimum total Al	



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Pe	rformance	Harmonised technical specification
Tolerances on		Angles	EN10056-2		
dimensions and shape		I and H sections	E	N 10034	
		Tapered Flange I	E	N 10024	
		UPE, UPN	E	N 10279	
	Flat /	Square / Round / T bars	EN 10058/EN 10	059/EN 10060/EN 10055	-
Yield strength	Non	ninal thickness (mm)	Va	lues (MPa)	
	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Non	ninal thickness (mm)	Va	lues (MPa)	
_	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Non	ninal thickness (mm)	Values (%)		
	>	≤	min		
	=3	40	22		EN 10025-1:2004
	40	63	21		
	63	100		20	
	100	140		18	
Impact strength	Non	ninal thickness (mm)	V	alues (J)	
	>	≤		min	
		140		27 at 0℃	
Weldability	Non	ninal thickness (mm)	V	alues (%)	
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140	0,47		
Durability	Non	ninal thickness (mm)	Values (%)		
(Chemical composition)	>	≤		max	
		140	C* : 0,20	Cu : 0,55	1
			Si : 0,55	S : 0,035	1
			Mn : 1,60	N** : 0,012	1
			P : 0,035		1
	** The max	nal thickness > 30 mm C: 0,22. Fo x. value for nitrogen does not apply 0,020% or if sufficient other N bind	/ if the chemical compositi	ion shows a minimum total Al	-



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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Perfo	rmance	Harmonised technical specification
Tolerances on		Angles	EN10	0056-2	
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	No	minal thickness (mm)	Value	s (MPa)	
	>	VI		nin	
		16	3	55	
	16	40	3	45	
	40	63	3	35	
	63	80	3	25	
	80	100	3	515	
	100	140	2	95	
Tensile strength	No	minal thickness (mm)	Value	s (MPa)	
	>	Ч	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	No	minal thickness (mm)	Values (%)		
	>	Ч	min		EN 10025-1:2004
	=3	40		22	
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength	No	minal thickness (mm)		ies (J)	
	>	≤		nin	
		140		: -20℃	
Weldability	No	minal thickness (mm)	Valu	es (%)	
	>	≤		าลx	
		30		,45	
	30	40		,47	
_	40	140	0,47		
Durability	No	minal thickness (mm)	Values (%)		
(Chemical composition)	>	≤	max		
		140	C* : 0,20 Cu : 0,55		
			Si : 0,55	S:0,030	
			Mn : 1,60	P:0,030	
		ninal thickness > 30 mm C: 0,22. For d steel containing nitrogen binding e			
		ple min. 0,02% Al)			



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

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

3)

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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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			Perfo	rmance	Harmonised technical specification
Tolerances on		Angles	EN1	0056-2	
dimensions and shape		I and H sections	EN	10034	
		Tapered Flange I		10024	
		UPE, UPN	EN	10279	
	Flat / S	Square / Round / T bars	EN 10058/EN 10059)/EN 10060/EN 10055	
Yield strength	Non	ninal thickness (mm)	Value	s (MPa)	
	>	≤	r	nin	
		16		55	
	16	40	3	45	
	40	63		35	
	63	80	3	25	
	80	100	3	515	
	100	140	2	95	
Tensile strength	Non	ninal thickness (mm)	Value	s (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Non	ninal thickness (mm)		es (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		22	
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		ninal thickness (mm)		ies (J)	
	>	≤		nin	
		140		:-20℃	
Weldability		ninal thickness (mm)		es (%)	
	>	≤		nax	
	00	<u> </u>		,45	
	30 40	40	-	,47	
Durability			0,47 Values (%)		
(Chemical composition)		ninal thickness (mm)		()	
(Chemical composition)	>	<u>≤</u> 140	n C* : 0,20	nax Cu : 0,55	
		140			
			Si : 0,55 Mn : 1.60	S:0,030	
	* For nomi	nal thickness > 30 mm C: 0,22. For		P:0,030	
		steel containing nitrogen binding e			
		le min. 0,02% Al)		in the second	



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

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

3)

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

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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. 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:

Essential characteristic			Performan	се	Harmonised technical specification	
Tolerances on	Angles		EN10056-2		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/E		10060/EN 10055	
Yield strength		ninal thickness (mm)		Values (MF		
· · · · · ·	>	<u>≤</u>		min	-1	
		16		355		
	16	40		345		
	40	63		335		
	63	80		325		
	80	100		325		
	100	140		320		
Tensile strength	Nor	ninal thickness (mm)		Values (MF	°a)	
	>	≤	min		max	
		40	470		630	
	40	63	450		610	
	63	80	440		600	
	80	100	440		600	
	100	140	430		590	
Elongation		ninal thickness (mm)		Values (%)	EN 10025-1:2004
	>	<u>≤</u> 140		min 22		
Immost strongth	Nor	110			\ \	
Impact strength		ninal thickness (mm) ≤		Values (J min)	
	>	140		40 at -20°C	<u></u>	
Weldability	Nor	ninal thickness (mm)		Values (%		
weidability	>			max	9	
		16		0,39		
	16	40		0,39		
	40	63		0,40		
	63	140		0,45		
Durability		ninal thickness (mm)		Values (%	5)	
(Chemical composition)	>	<u> </u>	min		max	
		140		C:0,16 Mn:1,60 Si:0,50 P:0,035 S:0,030 Nb:0,05 V:0,10	Ti : 0,05 Cr : 0,30 Mo : 0,10 Ni : 0,50 Cu : 0,55 N : 0,015	
			Al* : 0,02			
	* If sufficie not apply	ent other nitrogen binding elements	are present, the mi	nimum aluminium	requirement does	



No. AMOS-4/05-CPR-14-1

Code of the product type: S420M

1)

2)

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

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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. 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 point 1 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 2. Signed for and on behalf of the manufacturer by:

Essential characteristic			Performanc	ce	Harmonised technical specification		
Tolerances on	Angles		EN10056-2		Angles EN10056		•
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		0060/EN 10055		
Yield strength		ninal thickness (mm)		Values (MP			
.	>	≤		min	-/		
		16		420			
	16	40		400			
	40	63		390			
	63	80		380			
	80	100		370			
	100	140		365			
Tensile strength	Nor	ninal thickness (mm)		Values (MP	a)		
	>	≤	min		max		
		40	520		680		
	40	63	500		660		
	63	80	480		640		
	80	100	470		630		
	100	140	460		620		
Elongation		ninal thickness (mm)		Values (%)	EN 10025-1:2004	
	>	≤		min		LIN 10023 1.2004	
		140		19			
Impact strength		ninal thickness (mm)		Values (J)			
	>	<u>≤</u>		min			
Waldahilitu	Nar	140		40 at -20℃			
Weldability	>	ninal thickness (mm) ≤		Values (% max)		
	>	16		0,43			
	16	40		0,43			
	40	63		0,45			
	63	140		0,40			
Durability		ninal thickness (mm)		Values (%)		
(Chemical composition)	>	≤	min		, max		
		140	Al* : 0,02	C:0,18 Mn:1,70 Si:0,50 P:0,035 S:0,030 Nb:0,05 V:0,12	Ti : 0,05 Cr : 0,30 Mo : 0,20 Ni : 0,80 Cu : 0,55 N : 0,025		
	* If sufficient not apply	ent other nitrogen binding elements		nimum aluminium	requirement does		



No. AMOS-5/01-CPR-13-1 Code of the product type: **1.8959**

1)

3)

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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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:

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	No	Nominal thickness (mm) Values (MPa))		
	>	≤		min]
		16	355				
	16	40		345			
Tensile strength	No	minal thickness (mm)		Values (MPa)			
	>	≤	min			max	
	=3	40	470			630	
Elongation		minal thickness (mm)		Values (%)			
	>	<u>≤</u>	min				
	=3	40		22			
Impact strength		minal thickness (mm) ≤	Values (J)				
	>	<u>40</u>	min 27 at 0℃				
Weldability	No	minal thickness (mm)		Values (%)			EN 10025-1:2004
Weidability	>		Values (70)				
		16	-	NPD			
	16	40	-				
Durability		minal thickness (mm)		Values (%)			
(Chemical composition)	>	≤ (min max				
		40		C : 0, Si : 0, P : 0,0	50 040	S : 0,040 N* : 0,009	
			Mn : 0,50 Cu : 0,25 Cr : 0,40			1,50 0,55 0,80	
	* 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.					<u> </u>		



No. AMOS-5/02-CPR-13-1 Code of the product type: **1.8965**

1)

3)

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

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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. 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:

Essential characteristic			Performance				Harmonised technical specification
Tolerances on	Angles		EN10056-2				
dimensions and shape	I and H sections			EN 10	0034		
		Tapered Flange I	EN 10024				
	UPE, UPN		EN 10279				
	Flat /	Square / Round / T bars	EN 10058/EN 10059/EN 10060/EN 10055				
Yield strength	No	minal thickness (mm)	Values (MPa)				
1	> ≤		min				
		16	355				
	16	40	345				
Tensile strength	No	minal thickness (mm)	Values (MPa))	
-	>	≤	min			max	
	=3	40	470			630	
Elongation	No	minal thickness (mm)	Values (%)				
	>	≤	min				
	=3	40	22				
Impact strength	No	minal thickness (mm)	s (mm) Values (J)				
	>	≤	min				
		40		27 at -20℃			
Weldability	No	minal thickness (mm)		Values (%)			EN 10025-1:2004
	>	≤					
		16		NPD			
	16	40					
Durability	No	minal thickness (mm)		Values (%)			
(Chemical composition)	>	≤	min	max			
		40		C : 0,1		S : 0,035	
				Si:0,5 P:0,0		N* : 0,009	
			Mn : 0,50	F.U,U		1,50	
			Cu : 0,25		Cu :		
			Cr : 0,40		Cr:		
	* It is permissible to exceed the specified values provided that for each increase of 0,001 % N, the						
		ntent will be reduced by 0,005%; the					
			Ilue for nitrogen does not apply if the chemical composition shows a 20% or if sufficient other N binding elements are present.				
	Addition of nitrogen binding elements: the steels shall contain at least one of the following elements: Al						
	total ≥ 0,020%, Nb: 0,015 - 0,060%, V: 0,02-0,12%, Ti: 0,02 - 0,10%. If these elements are used in combination, at least one of them shall be present with the minimum content indicated.						
	The steels may show a Ni content of max. 0,65%. The steels may contain max. 0,30% Mo and max. 0,15% Zr.						
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% AI)						



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

1)

3)

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

ArcelorMittal Ostrava a.s. Vratimovska 689 70702 Ostrava Kuncice Czech Republic Tel. +420 59 733 1111 sections.arcelormittal.com

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:

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	No	minal thickness (mm)	Values (MPa)			
	>	≤	min		max	
	=3	40	470		630	
Elongation	No	minal thickness (mm)	Values (%)			
	>	≤	min			
	=3	40		22		
Impact strength	No	minal thickness (mm)	Values (J)			
	>	≤	min			
		40	40 at -20℃			
Weldability	No	minal thickness (mm)		Values (%)		EN 10025-1:2004
	>	≤				
		16	NPD			
	16	40				
Durability	No	minal thickness (mm)		Values (%)		
(Chemical composition)	>	≤	min		nax	
		40		C : 0,16	S : 0,035	
				Si: 0,50	N* : 0,009	
			Mn : 0,50	P:0,035	1,50	
			Cu : 0,25		0,55	
			Cr : 0,40		0.80	
	* 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					
	more than 0,012%. The max, value for hitrogen 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.					
	Addition of nitrogen binding elements: the steels shall contain at least one of the following elements: Al					
	total ≥ 0,020%, Nb: 0,015 - 0,060%, V: 0,02-0,12%, Ti: 0,02 - 0,10%. If these elements are used in combination, at least one of them shall be present with the minimum content indicated.					
	The steels may show a Ni content of max. 0,65%. The steels may contain max. 0,30% Mo and max. 0,15% Zr.					
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% AI)					