

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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

Notified factory production control certification body No. 0099 AENOR 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 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:

Jose María Galindo Quality and Technical Customer Service Manager

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2)

Essential characteristic			Performance		Harmonised technical specification
Tolerances on	I and H sections		EI	EN 10034	
dimensions and shape	Та	pered Flange I	EI	N 10024	
		UPE, UPN		N 10279	
Yield strength	Nomina	al thickness (mm)	Valu	ues (MPa)	
-	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140	195		
Tensile strength	Nomina	al thickness (mm)	Valu	ues (MPa)	
•	>	≤ , , ,	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nominal thickness (mm)		Va	lues (%)	
-	>	≤	min		EN 10025-1:2004
	=3	40		26	EN(100201.2004
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength	Nomina	al thickness (mm)	Va	lues (J)	
	>	≤		min	
		140	27	at +20°C	
Weldability	Nomina	al thickness (mm)	Va	lues (%)	
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140		0,38	
Durability	Nomina	al thickness (mm)	Va	lues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,040	
			P:0,040	N** : 0,012	
	* For nominal t	hickness > 40 mm C: 0,20. Fo	r nominal thickness >100 n	nm: C content upon agreemen	t
		ue for nitrogen does not apply 0% or if sufficient other N bind		n shows a minimum total AI	



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

Notified factory production control certification body No. 0099 AENOR performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

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Jose María Galindo Quality and Technical Customer Service Manager

HCalindo

2)

Essential characteristic			P	Performance	
Tolerances on	la	nd H sections	EN 10034		
dimensions and shape	Та	pered Flange I		EN 10024	
		UPE, UPN		EN 10279	
Yield strength	Nomina	al thickness (mm)	Va	alues (MPa)	
	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140	195		
Tensile strength	Nomina	al thickness (mm)	Va	alues (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nominal thickness (mm)		\ \	Values (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		26	
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength	Nomina	al thickness (mm)	Values (J)		
	>	≤		min	
		140		27 at 0°C	
Weldability	Nomina	al thickness (mm)	\ \	Values (%)	
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140	-	0,38	
Durability		al thickness (mm)	1	Values (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,035	
			P:0,035	N** : 0,012	
		hickness >100 mm: C conten		ition shows a minimum total Al	
		0% or if sufficient other N bin			



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

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2)

Essential characteristic			Per	Performance	
Tolerances on	la	nd H sections	EN 10034		
dimensions and shape	Та	pered Flange I	E	N 10024	-
		UPE, UPN	E	N 10279	
Yield strength	Nomina	al thickness (mm)	Val	ues (MPa)	
	>	≤		min	
		16		235	
	16	40		225	
	40	63			
	63	80		215	
	80	100			
	100	140		195	1
Tensile strength	Nomina	al thickness (mm)	Val	ues (MPa)	
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	Nominal thickness (mm)		Va	alues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		26	
	40	63		25	
	63	100		24	
	100	140		22	
Impact strength	Nomina	al thickness (mm)	V	alues (J)	
	>	≤		min	
		140		∕ at -20°C	
Weldability	Nomina	al thickness (mm)	Values (%)		
	>	≤		max	
		30		0,35	
	30	40		0,35	
	40	140		0,38	
Durability	Nomina	al thickness (mm)	Va	alues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,17	Cu : 0,55	
			Mn : 1,40	S : 0,030	
			P:0,030		
		hickness >100 mm: C content		ent to bind the available nitrog	
	(for example m		element in amounts sumcli	ent to bind the available hitrog	



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

Notified factory production control certification body No. 0099 AENOR performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

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Jose María Galindo Quality and Technical Customer Service Manager

HCalindo

2)

Essential characteristic			Performance		Harmonised technical specification
Tolerances on			EI	N 10034	
dimensions and shape	Та	pered Flange I	EI	N 10024	
		UPE, UPN	EI	N 10279	
					_
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)	Valu	ues (MPa)	
-	>	≤ ,	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		Va	lues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		23	211 10020 1.2001
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength	Nomin	al thickness (mm)	Va	lues (J)	
	>	≤		min	
		140	27	at +20°C	
Weldability	Nomin	al thickness (mm)	Va	lues (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140		0,42	
Durability		al thickness (mm)	Va	lues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,21	Cu : 0,55	
			Mn : 1,50	S : 0,040	
			P:0,040	N** : 0,012	
		thickness > 40 mm C: 0,22. For lue for nitrogen does not apply		nm: C content upon agreement	4
		20% or if sufficient other N bind		in shows a minimum total Al	



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

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2)

Essential characteristic			Pe	Performance	
Tolerances on	la	nd H sections	E	EN 10034	
dimensions and shape	Tar	pered Flange I	E	EN 10024	-
		UPE, UPN	E	EN 10279	
		,			_
Yield strength	Nomina	al thickness (mm)	Va	lues (MPa)	
•	>	≤ , , ,		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140		225	
Tensile strength	Nomina	al thickness (mm)	Va	lues (MPa)	
Ū	>	≤ , , ,	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		V	alues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		23	EN 10020 1.2004
	40	63		22	
	63	100		21	
	100	140		19	
Impact strength	Nomina	al thickness (mm)	Values (J)		
	>	≤		min	
		140	2	27 at 0°C	
Weldability	Nomina	al thickness (mm)	V	Values (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140		0,42	
Durability	Nomina	al thickness (mm)	V	alues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,18	Cu : 0,55	
			Mn : 1,50	S : 0,035	
			P:0,035	N** : 0,012	
	* For nominal thickness >100 mm: C content upon agreement. ** The max, value for nitrogen does not apply if the chemical composition shows a minimum total AI				
		ue for nitrogen does not appl 0% or if sufficient other N bind			



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

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Jose María Galindo Quality and Technical Customer Service Manager

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2)

Essential characteristic			Pe	rformance	Harmonised technical specification
Tolerances on	la	nd H sections	EN 10034		•
dimensions and shape	Та	pered Flange I	E	EN 10024	
		UPE, UPN	E	EN 10279	
Yield strength	Nomina	al thickness (mm)	Va	lues (MPa)	
-	>	≤		min	
		16		275	
	16	40		265	
	40	63		255	
	63	80		245	
	80	100		235	
	100	140	225		
Tensile strength	Nomina	al thickness (mm)	Va	lues (MPa)	
-	>	≤ .	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	Nominal thickness (mm)		V	alues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		23	EN 10020 1.200-
	40	63		22	
	63	100		21	
	100	140	19		
Impact strength	Nomina	al thickness (mm)	V	alues (J)	
	>	≤		min	
		140	2	7 at -20°C	
Weldability	Nomina	al thickness (mm)	V	alues (%)	
	>	≤		max	
		30		0,40	
	30	40		0,40	
	40	140		0,42	
Durability	Nomina	al thickness (mm)	V	alues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,18	Cu : 0,55	
			Mn : 1,50	S : 0,030	
			P:0,030		
		hickness >100 mm: C content			
	Fully killed stee (for example m		element in amounts suffici	ient to bind the available nitroge	en



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

Notified factory production control certification body No. 0099 AENOR 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 point 1 is in conformity with the declared performance in the table.

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Jose María Galindo Quality and Technical Customer Service Manager

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2)

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on	I and H sections		EN 10034		
dimensions and shape	Т	apered Flange I		10024	
		UPE, UPN		10279	
					_
Yield strength	Nomi	nal thickness (mm)	Value	es (MPa)	_
	>	≤		nin	
		16	3	355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Nomi	inal thickness (mm)	Value	s (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)			ies (%)	
	>	≤	min		
	=3	40	22		EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength		nal thickness (mm)		ues (J)	
	>	≤		nin	
		140		: +20°C	
Weldability		nal thickness (mm)		les (%)	
	>	<u>≤</u>		nax	
		30		,45	
	30	40		,47	
	40	140),47	
Durability		nal thickness (mm)	Values (%)		
(Chemical composition)	>	<u>≤</u>		nax	
		140	C*:0,24	Cu : 0,55	
			Si: 0,55	S:0,040	
			Mn : 1,60	N** : 0,012	
	* For somir-	thicknoon + 100 mm C and thick	P:0,040		_
		al thickness >100 mm: C content value for nitrogen does not apply		shows a minimum total AI	—
		020% or if sufficient other N bind			



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

1) Code of the product type: **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 Gipuzkoa, S.L.U. Fábrica de Olaberria Carretera Madrid - Irún, Km. 417 20212 – Olaberria (Guipúzcoa – España) T +34 943 805 000 sections.arcelormittal.com

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

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Jose María Galindo Quality and Technical Customer Service Manager

HCalindo

2)

Essential characteristic			Perfo	rmance	Harmonised technical specification
Tolerances on	I and H sections		EN 10034		
dimensions and shape		Fapered Flange I	EN	10024	
		UPE, UPN		10279	
					-
Yield strength	Nom	inal thickness (mm)	Value	es (MPa)	-
-	>	≤ , , ,	1	nin	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140	2	295	
Tensile strength	Nom	inal thickness (mm)	Value	es (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Valu	ies (%)	
	>	≤		nin	
	=3	40		22	EN 10025-1:2004
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength	Nom	inal thickness (mm)		ues (J)	
	>	≤		nin	
		140		at 0°C	
Weldability		inal thickness (mm)		ies (%)	
	>	≤		nax	
		30		9,45	
	30	40	-	,47	
	40	140	0,47		
Durability		inal thickness (mm)	Values (%)		_
(Chemical composition)	>	<u>≤</u>		nax	
		140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,035	
			Mn : 1,60	N** : 0,012	
			P:0,035		4
		al thickness > 30 mm C: 0,22. For value for nitrogen does not apply			- '
		,020% or if sufficient other N bindi			



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

1) Code of the product type: **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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Essential characteristic			Performance		Harmonised technical specification
Tolerances on	I and H sections		E	EN 10034	
dimensions and shape	Та	pered Flange I	E	N 10024	
		UPE, UPN	E	N 10279	
					_
Yield strength	Nomina	al thickness (mm)	Val	ues (MPa)	_
_	>	≤		min	
		16		355	
	16	40		345	
	40	63		335	
	63	80		325	
	80	100		315	
	100	140		295	
Tensile strength	Nomina	al thickness (mm)	Val	ues (MPa)	
-	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Va	alues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		22	211 10020 11200
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength	Nomina	al thickness (mm)	V	alues (J)	
	>	≤		min	
		140		∕ at -20°C	
Weldability	Nomina	al thickness (mm)	Values (%)		
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140		0,47	
Durability	Nomina	al thickness (mm)	Va	alues (%)	
(Chemical composition)	>	≤		max	
		140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,030	
			Mn : 1,60	P:0,030	
				mm: C content upon agreement	
	Fully killed stee (for example m		element in amounts suffici	ent to bind the available nitroge	n



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

1) Code of the product type: **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

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2)

Essential characteristic			Perf	Performance	
Tolerances on	la	ind H sections	EN 10034		
dimensions and shape	Та	pered Flange I	EN	10024	
		UPE, UPN	EN	10279	
		- , -			_
Yield strength	Nomin	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	Nomin	al thickness (mm)	Valu	es (MPa)	
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	Nominal thickness (mm)		Val	ues (%)	
	>	≤	min		EN 10025-1:2004
	=3	40		22	
	40	63		21	
	63	100		20	
	100	140		18	
Impact strength	Nomin	al thickness (mm)	Va	lues (J)	
	>	≤		min	
		140	-	at -20°C	
Weldability	Nomin	al thickness (mm)	Values (%)		
	>	≤		max	
		30		0,45	
	30	40		0,47	
	40	140		0,47	
Durability	Nomin	al thickness (mm)	Val	ues (%)	
(Chemical composition)	>	≤		max	_
		140	C* : 0,20	Cu : 0,55	
			Si : 0,55	S : 0,030	
			Mn : 1,60	P:0,030	_
		hickness > 30 mm C: 0,22. Fo el containing nitrogen binding e			
	(for example m			it to bind the available fill Uge	"



Declaration of Performance	_	
(according to regulation EU No 305/2011)	Es	sential cha
No AMOL-5/01-CPR-13-1		
1) Code of the product type: S355J0W According EN 10025-5	Televenees en	
According EN 10023-3	Tolerances on dimensions and	
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	shape	
To be used in welded, bolted and riveted structures		Nor
2) ArcelorMittal Gipuzkoa, S.L.U.		
Fábrica de Olaberria Carretera Madrid - Irún, Km. 417		
20212 – Olaberria (Guipúzcoa) Spain	Yield strength	1
T +34 943 805 000	_	4
sections.arcelormittal.com		
System of assessment and verification of constancy of performance of		
the product:		Nor
System 2+		
Notified factory production control certification body No. 0099 AENOR	Tonoile of row with	=
performed the initial inspection of the manufacturing plant and of	Tensile strength	4
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.		
		Noi
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	Elongation	
manufacturer identified in point 2. Signed for and on behalf of the		
manufacturer by:		
José María Galindo		Noi
Quality and Technical Customer	Impact strength	;
Service Manager		
- H Galiudo		Noi
	Weldability	
		1
	Durability	Noi
Date: 28.02.2020	(Chemical	;
	composition)	

		-		Harmonised	
characteristic		Bo	Performance		
naracterist	IC	re	renormance		
Ι/	Н	EN 10034		specification	
	'N	EN 10024			
l	J	E	N 10279		
lominal thic	ckness (mm)	Va	ues (MPa)		
>	≤		min		
	16		355		
16	40		345		
40	63		335		
Iominal thic	ckness (mm)	Va	Values (MPa)		
>	≤	min	max		
=3	40	470	630		
40	63	470	630		
lominal thickness (mm)		v	EN 10025-1:2004		
>	≤		min		
=3	40		22		
40	63		21		
lominal thic	L kness (mm)	v	alues (J)		
>	≤ 63		 27 / 0°C		
1	-				
Nominal thic	ckness (mm)	V	alues (%)		
>	≤		max		
16	16 63		0,52 0,52		
10	03		0,52		
ominal thic	ckness (mm)	v	alues (%)		
>	≤	min	max		
	63	Mn : 0,50	C : 0,16 Cr :	0,80	
		Cu: 0,25	Si : 0,50		
		Cr : 0,40	P : 0,040 S : 0,040		
			S : 0,040 N : 0,012		
			Mn : 1,50		
			Cu : 0,55		



Declaration of Performance			
(according to regulation EU No 305/2011)	Ess	Essential ch	
No AMOL-5/02-CPR-13-1			
1) Code of the product type: S355J2W			
According EN 10025-5	Tolerances on dimensions and		
Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	shape		
To be used in welded, bolted and riveted structures		No	
2) ArcelorMittal Gipuzkoa, S.L.U.		:	
Fábrica de Olaberria			
Carretera Madrid - Irún, Km. 417	Yield strength		
20212 – Olaberria (Guipúzcoa) Spain T +34 943 805 000	neid strengti	4	
sections.arcelormittal.com			
System of assessment and verification of constancy of performance of			
the product:		No	
System 2+			
Notified factory production control certification body No. 0099 AENOR			
performed the initial inspection of the manufacturing plant and of	Tensile strength	4	
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.			
		No	
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	Elongation	=	
manufacturer identified in point 2. Signed for and on behalf of the		<u> </u>	
manufacturer by:			
José María Galindo		No	
Quality and Technical Customer	Impact strength		
Service Manager			
[H Galiudo		No	
	Weldability		
	Weiddonity	1	
	Durability	No	
Date: 28.02.2020	(Chemical	:	
	composition)		

		-		
characteristic		Pe	erformance	Harmonised technical
				specification
I/H			EN 10034	
IPN			EN 10024	
U		EN 10279		
lominal thic	kness (mm)	Va	alues (MPa)	
>	≤	min		
	16	355		
16	40	345		
40	63	335		
Iominal thic	minal thickness (mm) Values (MPa)		alues (MPa)	
>	≤	min	max	
=3	40	470	630	
40	63	470	630	
lominal thickness (mm)		Values (%)		EN 10025-1:2004
>	≤	min		
=3	40	22 21		
40	63			
l Iominal thickness (mm)		Values (J)		
>	≤		min	
	63	27 / -20°C		
Iominal thickness (mm)		Values (%)		
>	≤		max	
	16	0,52		
16	63	0,52		
		_		
lominal thickness (mm)		Values (%)		
>	5	min	max	
	63	Mn : 0,50	C : 0,16	
		Cu : 0,25	Si : 0,50	
		Cr : 0,40	P:0,035	
			S: 0,035	
			Mn : 1,50 Cu : 0,55	
			Cu : 0,55 Cr : 0,80	
			01.0,00	