


A01  ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE	A03 N° 2105005 .1 Printout date 19/03/2020	A08 Order No 291942/2 Creation date 10/12/2019	A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr.	
	A05 ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND	A06.2 Destination	OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND
	A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND	A09	Del.Note No 448313 Delivery date 19/03/2020
Certificate		A02 3.1 / EN10204 + KV		

B01 - B04	MATERIAL SPECIFICATION	- Item : 2 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL
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B03.1 Item	2	B12 Lgth (mm)	3000.00	B11 Width (mm)	1500.00	B09 Thick. (mm)	10.000	B14		Z05 Certification	
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Product N°	2848972										
B07 Coils N°	Entity Supplier entity	7487864 25399000	B07.1 Heat No	8649084058	B08 - Number of Pieces B13 - Weight (kg)	6 2118.000					

Chemical Analysis																								
		C71	C72	C74	C75	C73	C77	C78	C80	C79	C76	C81	C83	C84	C82	C85	C86	C88	C87	C93	C94	C95	C96	C97
B07	B07.1	C	Mn	P	S	Si	Al	Nb	V	Ti	N	B	Cu	Ni	Cr	Mo	Sn	As	Zr	Cev	Ceq	Gal	Res	Dis
Supplier entity	Heat No	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25399000	8649084058	/0.100 0.069	/1.400 0.6411	/0.020 0.0103	/0.015 0.0059	/0.030 0.0072	0.015 0.0312	/0.075 0.0337	/0.200 0.0008	/0.150 0.0009	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Mechanical Values																
Mechanical characteristics With EN ISO 6892-1												Caractéristiques en Flexio par Choc With EN ISO 148-1				
	C04	C03	C02	C11	C12	C13	C14	C15	C16	C17	C18	C44	C45	C46	C42	C43, C40
B07	Condition	Test temp.	Direction	Re	Rm	A%	n	r	BH2	BH0	WH	Test temp.	Direction		KC1, ...	K
Supplier entity				MPa	MPa	%			MPa	MPa	MPa				J	J
25399000		+20°C	L	355 / ReL 403 Rp0.2	435 / 468	430 / 520	25 / A5.65 33 A5.65	/	/	/	/	-20°C	L		/ 54, 33, 44 Kv	/ 43.7 Kv

C02, C45 - Direction of the test piece in relation to the rolling direction (L = 0° - T = 90° - S = 45°)

C04 - Sample conditions (V = Aged - F = Fresh - N = Normalized - AR = As Rolled)

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A05 ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A06.2 Destination	OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND
Certificate	A06.3 Customer OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A09	Del.Note No 448313 Delivery date 19/03/2020
		A02 3.1 / EN10204 + KV		

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
7487864		No requirements

Controls carried out:	D01.1 - Visual : O.K.	D01.2 - Measurement control : O.K.	D01.3 - Stamping : O.K.	
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Z01 - We certify hereby that the above mentioned products are consistent with the order prescriptions.

Z02 - Values transmitted by :


ARCELORMITTAL ESP SSC
Hans Vos
Kwaliteitsdienst



Z02 - Values certified by :

ARCELORMITTAL
ATLANTIQUE
E. Hoogstoel

Z03 - STAMPING

A01  ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE	A03 N° 2105005 .2 Printout date 19/03/2020	A08 Order No 291942/3 Creation date 10/12/2019	A07 Cust. Ref. 1113497 Order's date 10/12/2019 Contract Nr.	
	A05 ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND	A06.2 Destination	OY KONTINO AB HAKINTIE 6-8 01380 VANTAA FINLAND
	A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND	A09	Del.Note No 448313 Delivery date 19/03/2020
Certificate		A02 3.1 / EN10204 + KV		


B01 - B04	MATERIAL SPECIFICATION	- Item : 3 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL
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B03.1 Item	3	B12 Lgth (mm)	3000.00	B11 Width (mm)	1500.00	B09 Thick. (mm)	12.000	B14		Z05 Certification	
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Product N°	2858753 , 2858754 , 2858755 , 2858756										
B07 Coils N°	Entity Supplier entity	7491598 25509500	B07.1 Heat No	864002532471	B08 - Number of Pieces	20	B13 - Weight (kg)	8550.000			

Chemical Analysis																								
		C71	C72	C74	C75	C73	C77	C78	C80	C79	C76	C81	C83	C84	C82	C85	C86	C88	C87	C93	C94	C95	C96	C97
B07	B07.1	C	Mn	P	S	Si	Al	Nb	V	Ti	N	B	Cu	Ni	Cr	Mo	Sn	As	Zr	Cev	Ceq	Gal	Res	Dis
Supplier entity	Heat No	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25509500	864002532471	/0.100 0.073	/1.400 0.7195	/0.020 0.0186	/0.015 0.008	/0.030 0.0131	0.015 0.0354	/0.075 0.0431	/0.200 0.0011	/0.150 0.007	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Mechanical Values											
Mechanical characteristics With EN ISO 6892-1											
	C04	C03	C02	C11	C12	C13	C14	C15	C16	C17	C18
B07	Condition	Test temp.	Direction	Re	Rm	A%	n	r	BH2	BH0	WH
Supplier entity				MPa	MPa	%			MPa	MPa	MPa
25509500		+20°C	L	355 / ReL 431 Rp0.2	435 / 515	25 / A5.65 26 A5.65	/	/	/	/	/
C02, C45 - Direction of the test piece in relation to the rolling direction (L = 0° - T = 90° - S = 45°)						C04 - Sample conditions (V = Aged - F = Fresh - N = Normalized - AR = As Rolled)					

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		A02 3.1 / EN10204 + KV		

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
7491598		No requirements

Controls carried out:	D01.1 - Visual : O.K.	D01.2 - Measurement control : O.K.	D01.3 - Stamping : O.K.	
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Z02 - Values certified by :

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E. Hoogstoel

Z03 - STAMPING