


A01 ARCELORMITTAL GENT JOHN KENNEDYLAAN 51.. 9042 GENT		 ArcelorMittal		A03 N° 2084064 .1 Printout date 02/12/2019		A08 Order No 287396/1 Creation date 17/10/2019		A07 Cust. Ref. 1113331 Order's date 17/10/2019 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 440568 Delivery date 02/12/2019	
<b>Certificate</b>				A02 3.1 / EN10204 + KV							

B01 - B04	MATERIAL SPECIFICATION	- Item : 1 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL
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B03.1 Item	1	B12 Lgth (mm)	3000.00	B11 Width (mm)	1500.00	B09 Thick. (mm)	8.000	B14		Z05 Certification	
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Product N°	2824379 , 2824383										
B07 Coils N°	Entity	865703629	B07.1 Heat No	60229	B08 - Number of Pieces	16	B13 - Weight (kg)	4540.000			
Supplier entity	865703629										

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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
865703629	60229	/0.100 0.0706	/1.400 0.542	/0.020 0.015	/0.015 0.007	/0.030 0.009	0.015 0.044	/0.075 0.0269	/0.200 0.000	/0.150 0.001	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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
865703629		+20°C	L	355 / ReL 435 362	430 / 520 473	25 / A5.65 33 A5.65	/	/	/	/	/	-40°C	L		/ 204, 205, 213 Kv	/ 207.3 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
		A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND	A09	Del.Note No 440568 Delivery date 02/12/2019
<b>Certificate</b>		A02 3.1 / EN10204 + KV			

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
865703629		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  
M. Van Loon  
Kwaliteitsdienst



Z02 - Values certified by :

ARCELORMITTAL GENT  
R. Slock

Z03 - STAMPING



A01  ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE ARCELORMITTAL ESP SSC TWEET MOLENSTRAAT 8 2440 GEEL 014241510 014285274	A03 <b>N° 2084064 .2</b> Printout date 02/12/2019	A08 Order No 287396/2 Creation date 17/10/2019	A07 Cust. Ref. 1113331 Order's date 17/10/2019 Contract Nr.	
	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
<b>Certificate</b>		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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B03.1 Item	B07 Supplier entity	B07.1 Heat No	B15 N° de coil int.	B16 Product N°	B08 Number of Pieces	B13 Weight (kg)
2	25138500	8649088725	7467418	2817313	7	2520.000
2	25138500	8649088725	7467418	2817314	7	2518.000
2	25138500	8649088725	7467418	2817315	7	2528.000
2	25169300	8649093402	7467430	2817334	7	2510.000
2	25169300	8649093402	7467430	2817335	7	2506.000
2	25169300	8649093402	7467430	2817336	7	2510.000
2	25169300	8649093402	7467430	2817340	7	2508.000
2	25169300	8649093402	7467430	2817341	7	2508.000


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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25138500	8649088725	/0.100 0.0646	/1.400 0.6803	/0.020 0.008	/0.015 0.0074	/0.030 0.0084	0.015 0.0421	/0.075 0.0333	/0.200 0.0002	/0.150 0.0007	/	/	/	/	/	/	/	/	/	0.1837	0.1794	0.0284	0.0433	0.0342
25169300	8649093402	/0.100 0.066	/1.400 0.6496	/0.020 0.013	/0.015 0.0065	/0.030 0.0144	0.015 0.0294	/0.075 0.0298	/0.200 0.0005	/0.150 0.0011	/	/	/	/	/	/	/	/	/	0.184	0.1767	0.0469	0.0771	0.0314

A01  ArcelorMittal ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE ARCELORMITTAL ESP SSC TWEE MOLENSTRAAT 8 2440 GEEL 014241510 014285274	A03 <b>N° 2084064 .2</b> Printout date 02/12/2019	A08 Order No 287396/2 Creation date 17/10/2019	A07 Cust. Ref. 1113331 Order's date 17/10/2019 Contract Nr.	
	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
<b>Certificate</b>		A02 3.1 / EN10204 + KV		

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
25138500		+20°C	L	355 / ReL 401	435 / 430 / 520 487	25 / A5.65 30 A5.65	/	/	/	/	/	-20°C	L		/	/
							0.16 n0 moy								50.3, 34.2, 40.4 Kv	41.6 Kv
25169300		+20°C	L	355 / ReL 398	435 / 430 / 520 487	25 / A5.65 30 A5.65	/	/	/	/	/	-20°C	L		/	/
							0.16 n0 moy								52.6, 45.7, 38.7 Kv	45.7 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)							

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
7467418		No requirements
7467430		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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A01  ArcelorMittal ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE ARCELORMITTAL ESP SSC TWEË MOLENSTRAAT 8 2440 GEËL 014241510 014285274	A03 <b>N° 2084064 .2</b> Printout date 02/12/2019	A08 Order No 287396/2 Creation date 17/10/2019	A07 Cust. Ref. 1113331 Order's date 17/10/2019 Contract Nr.	
	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
<b>Certificate</b>		A02 3.1 / EN10204 + KV		

Z01 - We certify hereby that the above mentioned products are consistent with the order prescriptions.

Z02 - Values transmitted by :

ARCELORMITTAL ESP SSC  
M. Van Loon  
Kwaliteitsdienst



Z02 - Values certified by :

ARCELORMITTAL  
ATLANTIQUE  
E. Hoogstoel

Z03 - STAMPING