


A01 ARCELORMITTAL GENT JOHN KENNEDYLAAN 51.. 9042 GENT		 ArcelorMittal		A03 N° 2106656 .1 Printout date 31/03/2020		A08 Order No 291942/1 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 448985 Delivery date 31/03/2020			
<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°	2865275 , 2865276 , 2865277 , 2865278 , 2865279 , 2865280 , 2865281 , 2865282 , 2865283										
B07 Coils N°	Entity	865909556	B07.1 Heat No	64324	B08 - Number of Pieces	69	B13 - Weight (kg)	19428.000			
	Supplier entity	865909556									

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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
865909556	64324	/0.100 0.0661	/1.400 0.544	/0.020 0.015	/0.015 0.008	/0.030 0.009	0.015 0.0375	/0.075 0.0256	/0.200 0.002	/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
865909556		+20°C	L	355 / ReL 435 384	430 / 520 478	25 / A5.65 33 A5.65	/	/	/	/	/	-40°C	L		/ 201, 201, 207 Kv	/ 203.0 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 448985 Delivery date 31/03/2020
<b>Certificate</b>				A02 3.1 / EN10204 + KV			

Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
865909556		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 GENT  
R. Slock

Z03 - STAMPING

A01  ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE ARCELORMITTAL ESP SSC TWEEL MOLENSTRAAT 8 2440 GEEL 014241510 014285274	A03 <b>N° 2106656 .2</b> Printout date 31/03/2020	A08 Order No 291942/3 Creation date 10/12/2019	A07 Cust. Ref. 1113497 Order's date 10/12/2019 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 : 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°	2858757										
B07 Coils N°	Entity Supplier entity	7491598 25509500	B07.1 Heat No	864002532471	B08 - Number of Pieces	5	B13 - Weight (kg)	2138.000			

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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	A06.3 Customer	OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A09
<b>Certificate</b>		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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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