

A01 ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHE.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE		A03 N° 2084657 Printout date 03/12/2019		A08 Order No 287396/3 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 441073 Delivery date 03/12/2019		
Certificate		A02 3.1 / EN10204 + KV								

B01 - B04 MATERIAL SPECIFICATION - Item : 3 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL

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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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)
3	25002800	8649089034	7456067	2817357	5	2156.000
3	25002800	8649089034	7456067	2817358	5	2162.000
3	25002800	8649089034	7456067	2817359	5	2158.000
3	25002800	8649089034	7456067	2817361	5	2160.000
3	25002800	8649089034	7456067	2817362	5	2152.000
3	25002800	8649089034	7456067	2817363	5	2148.000
3	25002800	8649089034	7456067	2817364	5	2160.000
3	25002800	8649089034	7456067	2817366	5	2162.000
3	25002800	8649089034	7456067	2817367	5	2160.000
3	25002800	8649089034	7456067	2817368	5	2158.000
3	25034300	8649089656	7457794	2817400	5	2162.000

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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25002800	8649089034	/0.100 0.0726	/1.400 0.9333	/0.020 0.0124	/0.015 0.0067	/0.030 0.0104	0.015 0.0294	/0.075 0.0347	/0.200 0.0007	/0.150 0.001	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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A05 ARCELORMITTAL ESP SSC TWEET 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		A09 Del.Note No 441073 Delivery date 03/12/2019	
Certificate		A02 3.1 / EN10204 + KV					


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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25034300	8649089656	/0.100 0.0707	/1.400 1.0911	/0.020 0.0181	/0.015 0.005	/0.030 0.0095	0.015 0.0349	/0.075 0.0292	/0.200 0.0003	/0.150 0.0007	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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
25002800		+20°C	T	355 / ReL 435 433	430 / 520 528	25 / A5.65 24 A5.65	/	/	/	/	/	-20°C	L		/	/
25034300		+20°C	T	355 / ReL 435 414	430 / 520 517	25 / A5.65 26 A5.65	/	/	/	/	/	-20°C	L		/	/

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	
7456067		No requirements
7457794		No requirements

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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
ATLANTIQUE
E. Hoogstoel

Z03 - STAMPING