



A01  ARCELORMITTAL ATLANTIQUE RUE DU COMTE JEAN-GRANDE SYNTHÉ.. BP 2508 59381 DUNKERQUE CEDEX 1 FRANCE		A03 N° 2083031 Printout date 27/11/2019	A08 Order No 287396/2 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 440535 Delivery date 27/11/2019
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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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	25139100	8649089871	7467419	2817324	7	2524.000
2	25139100	8649089871	7467419	2817325	7	2518.000
2	25139100	8649089871	7467419	2817326	7	2518.000
2	25139100	8649089871	7467419	2817327	7	2516.000
2	25139100	8649089871	7467419	2817328	7	2520.000
2	25139100	8649089871	7467419	2817329	7	2514.000
2	25139100	8649089871	7467419	2817330	7	2514.000
2	25139100	8649089871	7467419	2817331	7	2524.000
2	25139100	8649089871	7467419	2817332	4	1444.000
2	25169300	8649093402	7467430	2817342	5	1798.000


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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
25139100	8649089871	/0.100 0.0681	/1.400 0.6481	/0.020 0.0135	/0.015 0.0072	/0.030 0.008	0.015 0.031	/0.075 0.0317	/0.200 0.0003	/0.150 0.0007	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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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
25139100		+20°C	L	355 / ReL 402	435 / 430 / 520 488	25 / A5.65 30 A5.65	/	/	/	/	/	-20°C	L		/	/
							0.16 n0 moy								42.1, 43.5, 42.8 Kv	42.8 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	
7467419		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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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