


A01 ARCELORMITTAL GENT JOHN KENNEDYLAAN 51.. 9042 GENT		 ArcelorMittal		A03 N° 2084238 Printout date 03/12/2019		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 441021 Delivery date 03/12/2019			
Certificate				A02 3.1 / EN10204 + KV							


B01 - B04 MATERIAL SPECIFICATION - Item : 1 SHEET DKP-AMSTRONG355MC-O ARCELORMITTAL

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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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)
1	865703673	60229	865703673	2821502	8	2268.000
1	865703631	60231	865703631	2821526	6	1710.000
1	865703629	60229	865703629	2824374	8	2280.000
1	865703629	60229	865703629	2824375	8	2292.000
1	865703629	60229	865703629	2824376	8	2276.000
1	865703629	60229	865703629	2824377	8	2270.000
1	865703629	60229	865703629	2824378	8	2274.000
1	865703629	60229	865703629	2824380	8	2276.000
1	865703629	60229	865703629	2824381	8	2274.000
1	865703629	60229	865703629	2824382	8	2278.000
1	865703629	60229	865703629	2824384	6	1712.000

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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
865703673	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	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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		A06.3 Customer		OY KONTINO AB HAKINTIE 6-8 PL 27 01380 VANTAA FINLAND		A09		Del.Note No 441021 Delivery date 03/12/2019			
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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	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
865703631	60231	/0.100 0.0642	/1.400 0.526	/0.020 0.015	/0.015 0.007	/0.030 0.008	0.015 0.0336	/0.075 0.0249	/0.200 0.000	/0.150 0.001	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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
865703673		+20°C	L	355 / ReL 435 381	430 / 520 475	25 / A5.65 31 A5.65	/	/	/	/	/	-40°C	L		/ 204, 192, 191 Kv	/ 195.7 Kv
865703631		+20°C	L	355 / ReL 435 363	430 / 520 464	25 / A5.65 34 A5.65	/	/	/	/	/	-40°C	L		/ 205, 206, 215 Kv	/ 208.7 Kv
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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Surface characteristics		
B07	B07.2	
Supplier entity	Faces	
865703673		No requirements
865703631		No requirements
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. Sloock

Z03 - STAMPING

