



ArcelorMittal Bremen GmbH  
Postfach 210220  
28222 BREMEN  
Carl-Benz-Strasse 30  
28237 BREMEN  
Telefon 0421/6480  
Telefax 0421/6482251

A02  
CERTIFICATE  
A03 Page: 01 / 03  
**20200014125-00**  
Inspection certificate 3.1 EN 10204  
A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Carl-Benz-Straße 30, 28237 Bremen  
zeugnisse.bremen@arcelormittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE  
DATE  
0000953935  
28.02.2020  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR. GH01KON001006  
**1957184**  
18.11.2019  
A07 CUSTOMER'S ORDER NUMBER  
1113452  
A10 PART NUMBER  
XR355158

A06.1 CUSTOMER  
OY KONTINO AB  
HAKINTIE, 6  
01380 VANTAA  
Finland  
A06.2 CONSIGNEE  
OY KONTINO AB  
HAKINTIE, 6  
01380 VANTAA  
Finland

PRODUCT: hot rolled unpickled sheet

QUALITY: **AMSTRONG@355MC**  
**S355MC**

STANDARD: **AM FCE**  
**EN 10149-2 (00-09-2013)**

TERMS OF DELIVERY: **EN 10051 (2010)**

JITZ 1.78

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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 TERMS OF DELIVERY: **EN 10051 (2010)**    **S355MC**    **EN 10149-2 (00-09-2013)**

JITZ 1.78

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
6	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																			
						C71	C73	C72	C74	C75	C81	C77	C76	C83	C84	C78	C82	C79	C80	C85	As	Sn			
						C %	Si %	Mn %	P %	S %	Cu %	Al %	N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %			
6	168306 4712781	00500	2130	4	021572	.0755	.0173	.9405	.0104	.0043	.0124	.0400	.0049	.0001	.0002	.0015	.0498	.0285	.0268	.0030	.0011	.0010			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168306 4712782	00600	2130	4	021572	.0755	.0173	.9405	.0104	.0043	.0124	.0400	.0049	.0001	.0002	.0015	.0498	.0285	.0268	.0030	.0011	.0010			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168306 4712783	00700	2135	4	021572	.0755	.0173	.9405	.0104	.0043	.0124	.0400	.0049	.0001	.0002	.0015	.0498	.0285	.0268	.0030	.0011	.0010			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	168308 4712760	00700	2135	4	021573	.0725	.0300	.9453	.0113	.0012	.0176	.0346	.0053	.0001	.0014	.0018	.0502	.0264	.0280	.0028	.0011	.0012			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			4	8530																					
TOTAL			4	8530																					

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST							BEND TEST		SHOCK TEST				
						C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	Al20mm %	Fa	S0 cm²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
6	168306 4712781	00500	2130	4	021572	0	F	20	409	517	29	1	.8	0	-20	214	266	248	242
						90	F	20	434	529	25								
	168306 4712782	00600	2130	4	021572	0	F	20	409	517	29	1	.8	0	-20	214	266	248	242
						90	F	20	434	529	25								
	168306 4712783	00700	2135	4	021572	0	F	20	409	517	29	1	.8	0	-20	214	266	248	242
						90	F	20	434	529	25								
	168308 4712760	00700	2135	4	021573	0	F	20	411	515	29	1	.8	0	-20	286	266	253	268
						90	F	20	442	530	25								
			4	8530															

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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6	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST		SHOCK TEST			
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A120mm %	C50 Fa	C44 S0 cm <sup>2</sup>	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J
TOTAL		4	8530														

We certify hereby that the delivery complies with the above mentioned specification.

BREMEN 28.02.2020



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 Kramer

*Jarkko Kramer*

C02 test direction relating to rolling direction (0°= L; 90°= T)	C04 specimen condition V:aged F:fresh N:normalised	C50 bend test 1:good	C43 result in J related to specimensize (C44)
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