



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

A02  
CERTIFICATE  
A03 Page: 01 / 04  
**20190071719-00**  
Inspection certificate 3.1 EN 10204  
A05 ORIGINATOR OF THE DOCUMENT  
ArcelorMittal Bremen GmbH  
Abnahme/Zeugnisschreibung  
zeugnisse.bremen@arcelormittal.com  
Telefon 0421/6482813

A09 DISPATCH NOTE  
DATE  
0000918360  
01.11.2019  
A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
1952521  
02.09.2019  
FH94KON003005  
A07 CUSTOMER'S ORDER NUMBER  
1113202  
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

01380 VANTAA

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

JITZ 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
5	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 %		
5	343083	00600	2135	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680829	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343083	00700	1585	3	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680830	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	00100	2125	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680831	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	00200	2125	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680832	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	00300	2130	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680833	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	00400	2130	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680834	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	00800	2135	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680838	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	00900	2130	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680839	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343084	01000	2130	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680840	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343086	01100	2135	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680856	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	343086	01200	2130	4	067336	.0741	.0191	.9354	.0116	.0033	.0244	.0418	.0049	.0001	.0010	.0015	.0502	.0532	.0430	.0070	.0013	.0019		
						4680857	067336	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			11			22890																		
TOTAL			11			22890																		

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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JITZ 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
5	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BEND TEST		SHOCK TEST					
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A120mm %	C50 Fa	C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
						0			MPa	MPa	%		cm²	°	°C	J	J	J	J
5	343083	00600	2135	4	067336	0	F	20	409	515	29	1	.8	0	-20	235	239	273	249
	4680829				067336	90	F	20	454	526	25								
	343083	00700	1585	3	067336	0	F	20	409	515	29	1	.8	0	-20	235	239	273	249
	4680830				067336	90	F	20	454	526	25								
	343084	00100	2125	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680831				067336	90	F	20	441	526	25.5								
	343084	00200	2125	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680832				067336	90	F	20	441	526	25.5								
	343084	00300	2130	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680833				067336	90	F	20	441	526	25.5								
	343084	00400	2130	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680834				067336	90	F	20	441	526	25.5								
	343084	00800	2135	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680838				067336	90	F	20	441	526	25.5								
	343084	00900	2130	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680839				067336	90	F	20	441	526	25.5								
	343084	01000	2130	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680840				067336	90	F	20	441	526	25.5								
	343086	01100	2135	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680856				067336	90	F	20	441	536	25.5								
	343086	01200	2130	4	067336	0	F	20	407	509	29	1	.8	0	-20	271	288	254	271
	4680857				067336	90	F	20	441	536	25.5								
		11			22890														
TOTAL		11			22890														

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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JITZ 1.78

A08.2	B09	B10	B11
ITEM	THICKNES	WIDTH	LENGTH
	mm	mm	mm
5	15.00	1500.00	3000.00

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



BREMEN 01.11.2019

QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 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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