



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
20190071754-00
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
0000918395
01.11.2019
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
1952520
02.09.2019
FH94KON005001
A07 CUSTOMER'S ORDER NUMBER
1113204
A10 PART NUMBER
XR355068P

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 pickled 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 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	6.00	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 %		
1	322033	00100	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680111				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00200	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680112				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00300	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680113				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00400	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680114				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00500	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680115				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00600	2385	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680116				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00700	2385	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680117				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00800	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680118				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	00900	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680119				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	01000	2390	11	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680120				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	322033	01100	880	4	067323	.0751	.0184	.5206	.0098	.0028	.0099	.0348	.0044	.0001	.0001	.0011	.0226	.0238	.0251	.0022	.0008	.0011		
	4680135				067323	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	11		24770																					
TOTAL	11		24770																					

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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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
1	6.00	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 A60mm %	C50 Fa	C44 S0 cm ²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
						0			MPa	MPa	%		cm ²		°C	J	J	J	J
1	322033	00100	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680111				067323	90	F	20	428	476	30.5								
	322033	00200	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680112				067323	90	F	20	428	476	30.5								
	322033	00300	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680113				067323	90	F	20	428	476	30.5								
	322033	00400	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680114				067323	90	F	20	428	476	30.5								
	322033	00500	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680115				067323	90	F	20	428	476	30.5								
	322033	00600	2385	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680116				067323	90	F	20	428	476	30.5								
	322033	00700	2385	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680117				067323	90	F	20	428	476	30.5								
	322033	00800	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680118				067323	90	F	20	428	476	30.5								
	322033	00900	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680119				067323	90	F	20	428	476	30.5								
	322033	01000	2390	11	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680120				067323	90	F	20	428	476	30.5								
	322033	01100	880	4	067323	0	F	20	390	480	33.7	1	.4	0	-20	93	92	102	95
	4680135				067323	90	F	20	428	476	30.5								
		11			24770														
TOTAL		11			24770														

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
1	6.00	1500.00	3000.00

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



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 BREMEN 04.11.2019 Dr. Breitschuh

Breitschuh

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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