



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
20200070111-00

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 **0000034374**
DATE 18.12.2020

A08.1 MANUFACTURER'S ORDER NR **2073242**
DATE 14.08.2020
AGENCY'S ORDER NR. GH04KON004012

A07 CUSTOMER'S ORDER NUMBER
1114248

A10 PART NUMBER
XR355168

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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JITZ 1.78

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
12	16.00	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 %			
12	118818 4785184	00100	2270	4	030056	.0749	.0120	.9691	.0073	.0029	.0223	.0327	.0053	.0001	.0002	.0011	.0457	.0268	.0342	.0029	.0012	.0019			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	118818 4785190	00700	2275	4	030056	.0749	.0120	.9691	.0073	.0029	.0223	.0327	.0053	.0001	.0002	.0011	.0457	.0268	.0342	.0029	.0012	.0019			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	118818 4785191	00800	2275	4	030056	.0749	.0120	.9691	.0073	.0029	.0223	.0327	.0053	.0001	.0002	.0011	.0457	.0268	.0342	.0029	.0012	.0019			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	118818 4785192	00900	2275	4	030056	.0749	.0120	.9691	.0073	.0029	.0223	.0327	.0053	.0001	.0002	.0011	.0457	.0268	.0342	.0029	.0012	.0019			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	118818 4785193	01000	2275	4	030056	.0749	.0120	.9691	.0073	.0029	.0223	.0327	.0053	.0001	.0002	.0011	.0457	.0268	.0342	.0029	.0012	.0019			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	118818 4785194	01100	2270	4	030056	.0749	.0120	.9691	.0073	.0029	.0223	.0327	.0053	.0001	.0002	.0011	.0457	.0268	.0342	.0029	.0012	.0019			
						0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			6			13640																			
TOTAL			6			13640																			

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 Re MPa	p. strength Rm MPa	Al25mm %	Fa	S0 cm²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
12	118818 4785184	00100	2270	4	030056	0	F	20	417	514	26.5	1	.8	0	-20	216	217	234	222
						90	F	20	448	521	27								
	118818 4785190	00700	2275	4	030056	0	F	20	417	514	26.5	1	.8	0	-20	216	217	234	222
						90	F	20	448	521	27								

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
12	16.00	1500.00	3000.00

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 yield p.	C12 strength	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	Re MPa	Rm MPa	A125mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
12	118818	00800	2275	4	030056	0	F	20	417	514	26.5	1	.8	0	-20	216	217	234	222
						4785191	030056	90	F	20	448	521	27						
118818	00900	00800	2275	4	030056	0	F	20	417	514	26.5	1	.8	0	-20	216	217	234	222
						4785192	030056	90	F	20	448	521	27						
118818	01000	00800	2275	4	030056	0	F	20	417	514	26.5	1	.8	0	-20	216	217	234	222
						4785193	030056	90	F	20	448	521	27						
118818	01100	00800	2270	4	030056	0	F	20	417	514	26.5	1	.8	0	-20	216	217	234	222
						4785194	030056	90	F	20	448	521	27						
			6		13640														
TOTAL			6		13640														

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

BREMEN 18.12.2020



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Hoppe

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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