



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  
**20200023279-00**

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 **0000966295**  
DATE 09.04.2020

A08.1 MANUFACTURER'S ORDER NR **1958225**  
DATE 03.12.2019  
AGENCY'S ORDER NR. GH01KON009002

A07 CUSTOMER'S ORDER NUMBER  
1113497

A10 PART NUMBER  
XR355048P

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  
01380 VANTAA  
Finland



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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
2	4.00	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 %		
2	235322	00100	2420	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727115	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	00200	2430	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727116	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	00600	2415	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727120	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	00700	2420	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727121	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	00800	850	6	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727129	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01100	2405	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727100	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01200	2405	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727101	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01300	2400	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727102	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01400	2405	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727103	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01500	2410	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727104	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01600	2420	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727105	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	235322	01700	2415	17	022205	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
						4727106	022205	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

C02 test direction relating to rolling direction (0°= L; 90°= T)  
 C04 specimen condition V:aged F:fresh N:normalised



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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
2	4.00	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 %		
2	<b>235322</b>	01800	1550	11	<b>022205</b>	.0719	.0166	.5320	.0069	.0024	.0107	.0439	.0038	.0001	.0001	.0012	.0238	.0202	.0311	.0017	.0005	.0008		
	4727112				<b>022205</b>	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	13		28945																					
<b>TOTAL</b>	13		28945																					

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST							BENDTEST
						C02	C04	C03	C11	C12	C13	C50	
						PR	MAZ	Temp °C	yield p. Re MPa	strength Rm MPa	A50mm %	Fa	
2	<b>235322</b>	00100	2420	17	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727115				<b>022205</b>	90	F	20	409	483	29		
	<b>235322</b>	00200	2430	17	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727116				<b>022205</b>	90	F	20	409	483	29		
	<b>235322</b>	00600	2415	17	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727120				<b>022205</b>	90	F	20	409	483	29		
	<b>235322</b>	00700	2420	17	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727121				<b>022205</b>	90	F	20	409	483	29		
	<b>235322</b>	00800	850	6	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727129				<b>022205</b>	90	F	20	409	483	29		
	<b>235322</b>	01100	2405	17	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727100				<b>022205</b>	90	F	20	409	483	29		
	<b>235322</b>	01200	2405	17	<b>022205</b>	0	F	20	401	487	33.5	1	
	4727101				<b>022205</b>	90	F	20	409	483	29		

C02 test direction relating to rolling direction (0°= L; 90°= T)  
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2	4.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A50mm %	C50 Fa
2	235322	01300	2400	17	022205	0	F	20	401	487	33.5	1
	4727102				022205	90	F	20	409	483	29	
	235322	01400	2405	17	022205	0	F	20	401	487	33.5	1
	4727103				022205	90	F	20	409	483	29	
	235322	01500	2410	17	022205	0	F	20	401	487	33.5	1
	4727104				022205	90	F	20	409	483	29	
	235322	01600	2420	17	022205	0	F	20	401	487	33.5	1
	4727105				022205	90	F	20	409	483	29	
	235322	01700	2415	17	022205	0	F	20	401	487	33.5	1
	4727106				022205	90	F	20	409	483	29	
	235322	01800	1550	11	022205	0	F	20	401	487	33.5	1
	4727112				022205	90	F	20	409	483	29	
			13		28945							
<b>TOTAL</b>			13		28945							

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



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 BREMEN 09.04.2020  
 Kramer

*Jarkko Kramer*

C02 test direction relating to rolling direction (0°= L; 90°= T)  
 C04 specimen condition V:aged F:fresh N:normalised