



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

A02 CERTIFICATE
Page: 01/ 03
20190024512-00

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

A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.

A07 CUSTOMER'S ORDER NUMBER
1112579

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
TERMS OF DELIVERY: EN 10051 (2010)

QUALITY: AMSTRONG 355MC
S355MC

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

A08.2 ITEM	B09 THICKNESS	B10 WIDTH	B11 LENGTH
	mm	mm	mm
8	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B08 AMOUNT	B08.2 HEAT	CHEMICAL ANALYSIS														As	S			
					C	Si	Mn	P	S	Cu	Al	N	B	V	Ti	Nb	Cr	Ni			Mo		
8	487504	00100	2110	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626904																						
	487504	00200	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626905																						
	487504	00300	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626906																						
	487504	00400	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626907																						
	487504	00500	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626908																						
	487504	00600	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626909																						
	487504	00700	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626910																						
	487504	00800	2120	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626911																						
	487504	00900	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626912																						
	487504	01000	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626913																						
	487504	01100	2120	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626914																						
	487504	01200	2115	4 060110	.0791	.0241	.9201	.0096	.0018	.0122	.0317	.0043	.0001	.0003	.0026	.0519	.0273	.0289	.0028	.0009	.0015		
	4626922																						
TOTAL	12		25385																				
	12		25385																				

C02 test direction
relating to rolling direction (0°= L; 90°= T)

C04 specimen condition
V: aged F: fresh N: normalized

C50 bend test
1: good

C43 result in J
related to specimensize (C44)

JITZ 1.74



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A09 DISPATCH NOTE
 DATE
 05.04.2019

A08.1 MANUFACTURER'S ORDER NR
 DATE
 1940114
 28.01.2019

A07 CUSTOMER'S ORDER NUMBER
 1112579

A10 PART NUMBER
 XR355158

A06.1 CUSTOMER
 OY KONTINO AB

HAKINTIE, 6
 01380 VANTAA
 Finnland

A06.2 CONSIGNEE
 OY KONTINO AB

HAKINTIE, 6
 01380 VANTAA
 Finnland

PRODUCT: hot rolled unpickled sheet
 TERMS OF DELIVERY: EN 10051 (2010)

QUALITY: AMSTRONG 355MC
 S355MC

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

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
8	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 °C	C03 yield Re MPa	C11 p. strength Rm MPa	C12 A120mm %	C13 Fa	C50 S0 cm²	C44 PR °C	C02 KV2 J	C03 KV2 J	C42 KV2 J	C43 KV2 J		
8	487504	00100	2110	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626904																
	487504	00200	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626905																
	487504	00300	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626906																
	487504	00400	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626907																
	487504	00500	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626908																
	487504	00600	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626909																
	487504	00700	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626910																
	487504	00800	2120	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626911																
	487504	00900	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626912																
	487504	01000	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626913																
	487504	01100	2120	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626914																
	487504	01200	2115	4	060110	0	20	408	511	29	1	.8	0	-20	262	266	259	262
		4626922																

12 | 25385

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)

JITZ 1.74



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 zeugnissse.bremen@arcelormittal.com
 Telefon 0421/6482813

A09 DISPATCH NOTE
 DATE
0000846854
 05.04.2019

A08.1 MANUFACTURER'S ORDER NR
 DATE
 AGENCY'S ORDER NR. FH91KON007008

A07 CUSTOMER'S ORDER NUMBER
 1112579
 A10 PART NUMBER
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A06.1 CUSTOMER
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HAKINTIE, 6
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A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
8	15.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B08 AMOUNT	B07.2 HEAT	TENSILE TEST			BEND TEST			SHOCK TEST						
					C02 PR °C	C03 yield p. strength Re MPa	C11 p. strength Rm MPa	C13 A120mm	C50 Fa cm ²	S0 PR °C	C03 KV2 1 J	C02 KV2 2 J	C03 KV2 3 J	C42 KV2 1 J	C42 KV2 2 J	C43 KV2 m J	
A08.2	B07.1	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	C02 PR °C	C03 yield p. strength Re MPa	C11 p. strength Rm MPa	C13 A120mm	C50 Fa cm ²	S0 PR °C	C03 KV2 1 J	C02 KV2 2 J	C03 KV2 3 J	C42 KV2 1 J	C42 KV2 2 J	C43 KV2 m J
TOTAL	12		25385														

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

BREMEN 05.04.2019



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Kramer

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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