



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
20190024039-00
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
0000845986
04.04.2019
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR. FH91KON005007
1940113
28.01.2019
A07 CUSTOMER'S ORDER NUMBER
1112580
A10 PART NUMBER
XR35515

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 1.74

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

OY KONTINO AB

HAKINTIE, 6

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JITZ 1.74

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
7	15.00	1500.00	6000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71 C %	C73 Si %	C72 Mn %	C74 P %	C75 S %	Cu %	C77 Al %	C76 N %	B %	V %	Ti %	Nb %	Cr %	Ni %	Mo %	As %	Sn %	
7	487502	00900	2135	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626879																						
	487502	01000	2135	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626880																						
	487502	01100	2140	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626881																						
	487502	01200	1070	1	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626882																						
	487503	00500	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626887																						
	487503	00600	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626888																						
	487503	00700	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626889																						
	487503	00800	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626890																						
	487503	00900	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626891																						
	487503	01000	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626892																						
	487503	01100	2130	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626893																						
	487503	01200	2125	2	060106	.0762	.0174	.9324	.0078	.0031	.0201	.0348	.0050	.0001	.0001	.0001	.0023	.0539	.0383	.0361	.0061	.0011	.0016
	4626902																						
	12		24485																				
TOTAL	12		24485																				

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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Finland
 A06.2 CONSIGNEE
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A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
7	15.00	1500.00	6000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST	SHOCK TEST					
						C02 PR °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A120mm %	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
7	487502	00900	2135	2	060106	0	20	417	520	28.5	1	.8	0	-20	278	266	267	270
	4626879																	
	487502	01000	2135	2	060106	0	20	417	520	28.5	1	.8	0	-20	278	266	267	270
	4626880																	
	487502	01100	2140	2	060106	0	20	417	520	28.5	1	.8	0	-20	278	266	267	270
	4626881																	
	487502	01200	1070	1	060106	0	20	417	520	28.5	1	.8	0	-20	278	266	267	270
	4626882																	
	487503	00500	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626887																	
	487503	00600	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626888																	
	487503	00700	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626889																	
	487503	00800	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626890																	
	487503	00900	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626891																	
	487503	01000	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626892																	
	487503	01100	2130	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626893																	
	487503	01200	2125	2	060106	0	20	421	507	30	1	.8	0	-20	217	195	227	213
	4626902																	
	12		24485															

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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						C02 PR °	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A120mm %	C50 Fa	C44 S0 cm ²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J
TOTAL		12	24485														

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

BREMEN 04.04.2019



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Kramer

Jarkko 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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