

 ArcelorMittal 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 20180084890-00	A09 DISPATCH NOTE DATE 0000788409 13.11.2018	A06.1 CUSTOMER OY KONTINO AB HAKINTIE, 6 01380 VANTAA Finnland								
	Inspection certificate 3.1 EN 10204		A08.1 MANUFACTURER'S ORDER NR 1829473 DATE 07.08.2018 AGENCY'S ORDER NR. FH84KON003020	126962  Kontino Oy Ab								
	A05 ORIGINATOR OF THE DOCUMENT ArcelorMittal Bremen GmbH Abnahme/Zugunisschreibung zeugnisse.bremen@arcelormittal.com Telefon 0421/6482813		A07 CUSTOMER'S ORDER NUMBER 1112129									
			A10 PART NUMBER XR355048P									
<table border="1"> <tr> <td> PRODUCT: hot rolled pickled sheet TERMS OF DELIVERY: EN 10051 (2010) </td> <td> QUALITY: AMSTRONG 355MC S355MC </td> <td> STANDARD: AM PCE EN 10149-2 (00-09-2013) </td> <td></td> </tr> <tr> <td colspan="3"></td> <td>JITZ 1.74</td> </tr> </table>					PRODUCT: hot rolled pickled sheet TERMS OF DELIVERY: EN 10051 (2010)	QUALITY: AMSTRONG 355MC S355MC	STANDARD: AM PCE EN 10149-2 (00-09-2013)					JITZ 1.74
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			JITZ 1.74									

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN OY KONTINO AB HAKINTIE, 6 01380 VANTAA Finland



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A02
CERTIFICATE

A03 Page: 02/ 04
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Inspection certificate 3.1 EN 10204

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zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE
DATE

0000788409
13.11.2018

A08.1 MANUFACTURER'S ORDER NR 1829473
DATE 07.08.2018
AGENCY'S ORDER NR. FH84KON003020

A07 CUSTOMER'S ORDER NUMBER
1112129

A10 PART NUMBER
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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 1.74

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
20	4.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71 C	C73 Si	C72 Mn	C74 P	C75 S	C77 Cu	C76 Al											
20	510266	00100	2430	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587852																						
	510266	00200	2445	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587853																						
	510266	00300	2445	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587854																						
	510266	00400	2420	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587855																						
	510266	00500	2455	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587856																						
	510266	00600	2435	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587857																						
	510266	00700	2380	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587859																						
	510266	00800	2445	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587862																						
	510266	00900	2460	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587864																						
	510266	01000	2410	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587867																						
	510266	01100	2440	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587870																						
	510266	01200	2405	17	714931	.0732	.0070	.5594	.0124	.0049	.0077	.0302	.0040	.0000	.0002	.0005	.0234	.0238	.0108	.0007	.0019	.0007	
	4587871																						
	12		29170																				
TOTAL	12		29170																				

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

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

C05 bend test
1: good



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A02
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A03 Page: 03 / 04
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DATE 07.08.2018
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1112129

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 1.74

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
20	4.00	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	
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A50mm %	C50 Fa
20	510266	00100	2430	17	714931	0	F	20	406	491	33.5	1
	4587852											
	510266	00200	2445	17	714931	0	F	20	406	491	33.5	1
	4587853											
	510266	00300	2445	17	714931	0	F	20	406	491	33.5	1
	4587854											
	510266	00400	2420	17	714931	0	F	20	406	491	33.5	1
	4587855											
	510266	00500	2455	17	714931	0	F	20	406	491	33.5	1
	4587856											
	510266	00600	2435	17	714931	0	F	20	406	491	33.5	1
	4587857											
	510266	00700	2380	17	714931	0	F	20	406	491	33.5	1
	4587859											
	510266	00800	2445	17	714931	0	F	20	406	491	33.5	1
	4587862											
	510266	00900	2460	17	714931	0	F	20	406	491	33.5	1
	4587864											
	510266	01000	2410	17	714931	0	F	20	406	491	33.5	1
	4587867											
	510266	01100	2440	17	714931	0	F	20	406	491	33.5	1
	4587870											
	510266	01200	2405	17	714931	0	F	20	406	491	33.5	1
	4587871											
	12		29170									

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



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A10 PART NUMBER
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OY KONTINO AB

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

QUALITY: AMSTRONG 355MC
S355MC

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

JITZ 1.74

A08.2	B09	B10	B11
ITEM	THICKNESS	WIDTH	LENGTH
	mm	mm	mm
20	4.00	1500.00	3000.00

A08.2	B07.1	B07.1	B13	B08	B07.2	TENSILE TEST					BEND TEST	
						C02	C04	C03	C11	C12	C13	C50
ITEM	COIL NO	PART	WEIGHT	AMOUNT	HEAT	PR	MAZ	Temp	yield	p. strength		
			kg			°		°C	Re	Rm	A50mm	Fa
									MPa	MPa	%	
TOTAL	12		29170									

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



BREMEN 13.11.2018

QUALITY DEPARTMENT
SITE EXPERT FOR INSPECTION
Kramer

Andreas 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