



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
20200035278-00
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
DATE
000983065
24.06.2020
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR. GH02KON006004
2064044
18.02.2020
A07 CUSTOMER'S ORDER NUMBER
1113715
A10 PART NUMBER
XR355068P

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

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 S355MC
 EN 10149-2 (00-09-2013)

JITZ 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
4	6.00	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 %		
4	593377	00100	2360	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742562	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00200	2370	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742563	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00300	2365	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742564	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00400	2355	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742566	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00500	2365	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742567	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00600	2360	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742568	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00700	2350	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742569	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00800	2360	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742570	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	00900	2360	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742571	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	01000	2355	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742572	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	01100	2365	11	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742573	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	593377	01200	855	4	024526	.0717	.0192	.5251	.0120	.0034	.0094	.0367	.0048	.0001	.0005	.0011	.0259	.0308	.0261	.0027	.0007	.0010		
						4742574	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			12			26820																		

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
4	6.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	CHEMICAL ANALYSIS																	
						C71 C %	C73 Si %	C72 Mn %	C74 P %	C75 S %	C81 Cu %	C77 Al %	C76 N %	C83 B %	C84 V %	C78 Ti %	C82 Nb %	C79 Cr %	C80 Ni %	C85 Mo %	As %	Sn %	
TOTAL	12		26820																				

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BEND TEST		SHOCK TEST					
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield Re MPa	C12 p. strength Rm MPa	C13 A60mm %	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
4	593377	00100	2360	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196
	4742562				024526	90	F	20	414	491	30								
593377	00200	2370	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742563			024526	90	F	20	414	491	30									
593377	00300	2365	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742564			024526	90	F	20	414	491	30									
593377	00400	2355	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742566			024526	90	F	20	414	491	30									
593377	00500	2365	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742567			024526	90	F	20	414	491	30									
593377	00600	2360	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742568			024526	90	F	20	414	491	30									
593377	00700	2350	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742569			024526	90	F	20	414	491	30									
593377	00800	2360	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742570			024526	90	F	20	414	491	30									
593377	00900	2360	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196	
	4742571			024526	90	F	20	414	491	30									

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
4	6.00	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	A60mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
4	593377	01000	2355	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196
	4742572				024526	90	F	20	414	491	30								
	593377	01100	2365	11	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196
	4742573				024526	90	F	20	414	491	30								
	593377	01200	855	4	024526	0	F	20	411	495	33.5	1	.8	0	-20	188	196	204	196
	4742574				024526	90	F	20	414	491	30								
			12		26820														
TOTAL			12		26820														

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

BREMEN 24.06.2020



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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