



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

A02
CERTIFICATE
A03 Page: 01 / 03
20200049189-00
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
000003229
08.09.2020
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
2069518
11.06.2020
GH03KON004002
A07 CUSTOMER'S ORDER NUMBER
1114118
A10 PART NUMBER
XR355058P

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

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

JITZ 1.78

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
2	5.00	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	081229	01300	2320	13	026180	.0730	.0181	.5306	.0097	.0054	.0186	.0357	.0061	.0001	.0014	.0012	.0237	.0234	.0259	.0026	.0006	.0012			
	4760765				026180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	081229	01400	2320	13	026180	.0730	.0181	.5306	.0097	.0054	.0186	.0357	.0061	.0001	.0014	.0012	.0237	.0234	.0259	.0026	.0006	.0012			
	4760766				026180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	081229	01500	2315	13	026180	.0730	.0181	.5306	.0097	.0054	.0186	.0357	.0061	.0001	.0014	.0012	.0237	.0234	.0259	.0026	.0006	.0012			
	4760767				026180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	081229	01600	2315	13	026180	.0730	.0181	.5306	.0097	.0054	.0186	.0357	.0061	.0001	.0014	.0012	.0237	.0234	.0259	.0026	.0006	.0012			
	4760768				026180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	081229	01700	1250	7	026180	.0730	.0181	.5306	.0097	.0054	.0186	.0357	.0061	.0001	.0014	.0012	.0237	.0234	.0259	.0026	.0006	.0012			
	4760769				026180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
	081231	00700	2325	13	026181	.0722	.0161	.5419	.0087	.0040	.0205	.0327	.0067	.0001	.0012	.0011	.0232	.0252	.0278	.0036	.0010	.0014			
	4760754				026181	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000			
			6																			12845			
TOTAL			6																			12845			

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	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	yield Re MPa	p. strength Rm MPa	A55mm %	Fa	S0 cm²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
2	081229	01300	2320	13	026180	0	F	20	410	494	34	1	.8	0	-20	178	176	184	179
	4760765				026180	90	F	20	414	489	31.5								
	081229	01400	2320	13	026180	0	F	20	410	494	34	1	.8	0	-20	178	176	184	179
	4760766				026180	90	F	20	414	489	31.5								

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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 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	5.00	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 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A55mm %	C50 Fa	C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J	
						2	081229	01500	2315	13	026180	0	F	20	410	494	34	1	.8	0
	4760767				026180	90	F	20	414	489	31.5									
	081229	01600	2315	13	026180	0	F	20	410	494	34	1	.8	0	-20	178	176	184	179	
	4760768				026180	90	F	20	414	489	31.5									
	081229	01700	1250	7	026180	0	F	20	410	494	34	1	.8	0	-20	178	176	184	179	
	4760769				026180	90	F	20	414	489	31.5									
	081231	00700	2325	13	026181	0	F	20	411	493	34	1	.8	0	-20	183	178	183	181	
	4760754				026181	90	F	20	415	489	31.5									
		6			12845															
TOTAL		6			12845															

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

BREMEN 08.09.2020



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Kramer

Franko 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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