



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
20200014108-00
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
0000953898
28.02.2020
A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR. GH01KON002003
1957192
18.11.2019
A07 CUSTOMER'S ORDER NUMBER
1113453
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

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
3	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 %		
3	662030	00100	2320	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713197	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00200	2325	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713198	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00300	2325	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713199	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00400	2325	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713200	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00500	2320	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713201	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00600	2320	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713202	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00700	2325	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713203	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00800	2325	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713207	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	00900	2325	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713208	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	01000	2320	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713209	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	01100	2320	13	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713210	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	662030	01200	1970	11	020931	.0745	.0114	.5322	.0111	.0041	.0099	.0346	.0041	.0001	.0004	.0011	.0230	.0203	.0303	.0015	.0005	.0007		
						4713215	020931	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			12				27520																	

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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JITZ 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
3	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 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		27520																					

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 cm ²	C02 PR °	C03 Temp °C	C42 KV2_1 J	C42 KV2_2 J	C42 KV2_3 J	C43 KV2_m J
3	662030	00100	2320	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713197	90	F	20	432	477	31.5							
	662030	00200	2325	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713198	90	F	20	432	477	31.5							
	662030	00300	2325	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713199	90	F	20	432	477	31.5							
	662030	00400	2325	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713200	90	F	20	432	477	31.5							
	662030	00500	2320	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713201	90	F	20	432	477	31.5							
	662030	00600	2320	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713202	90	F	20	432	477	31.5							
	662030	00700	2325	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713203	90	F	20	432	477	31.5							
	662030	00800	2325	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713207	90	F	20	432	477	31.5							
	662030	00900	2325	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
						4713208	90	F	20	432	477	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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JITZ 1.78

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
3	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	C04	C03	C11 yield p.	C12 strength	C13	C50	C44	C02	C03	C42	C42	C42	C43
						PR °	MAZ	Temp °C	Re MPa	Rm MPa	A55mm %	Fa	S0 cm ²	PR °	Temp °C	KV2_1 J	KV2_2 J	KV2_3 J	KV2_m J
3	662030	01000	2320	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
	4713209				020931	90	F	20	432	477	31.5								
	662030	01100	2320	13	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
	4713210				020931	90	F	20	432	477	31.5								
	662030	01200	1970	11	020931	0	F	20	381	469	34.5	1	.8	0	-20	194	196	194	194
	4713215				020931	90	F	20	432	477	31.5								
						12										27520			
TOTAL						12										27520			

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

BREMEN 28.02.2020



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Hoppe

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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