



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
20220044984-00

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
0000223459
20.06.2022

A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
2214265
01.02.2022
GH22ALL001004

A07 CUSTOMER'S ORDER NUMBER
41426

A06.1 CUSTOMER
Oy AluSteel Ab
Telakkatie 4
23500 Uusikaupunki
Finland
A06.2 CONSIGNEE
Oy AluSteel Ab
Hepokarintie 9
23500 UUSIKAUPUNKI
Finland

PRODUCT: hot rolled unpickled sheet

QUALITY: Armstrong® Ultra 650MC
S650MC

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

TERMS OF DELIVERY: EN 10051 (2010)

JITZ 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

Oy AluSteel Ab

Telakkatie 4

23500 Uusikaupunki

Finland



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 23500 Uusikaupunki
 Finland
 A06.2 CONSIGNEE
Oy AluSteel Ab
 Hepokarintie 9
 23500 UUSIKAUPUNKI
 Finland

PRODUCT: hot rolled unpickled sheet QUALITY: **Amstrong® Ultra 650MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** S650MC EN 10149-2 (00-09-2013)

JITZ 1.79

A08.2 ITEM	B09 THICKNESS 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	611558	00100	2265	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962156	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00200	2265	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962157	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00300	2265	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962158	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00400	2265	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962159	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00500	2265	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962160	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00600	2260	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962161	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00700	2260	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962162	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00800	2260	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962163	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	00900	2260	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962164	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	01000	2270	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962165	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	01100	2260	11	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962166	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	611558	01200	210	1	047180	.0629	.0190	1.855	.0092	.0012	.0214	.0307	.0052	.0001	.0048	.1332	.0692	.0375	.0404	.0075	.0020	.0026	
						4962168	047180	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			12			25105																	

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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PRODUCT: hot rolled unpickled sheet QUALITY: **Amstrong® Ultra 650MC** STANDARD: **AM FCE**
 TERMS OF DELIVERY: **EN 10051 (2010)** **S650MC** **EN 10149-2 (00-09-2013)**

JITZ 1.79

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		
						C	Si	Mn	P	S	Cu	Al	N	B	V	Ti	Nb	Cr	Ni	Mo	As	Sn
TOTAL	12		25105																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST		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	A60mm %	Fa	S0 cm ²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
4	611558	00100	2265	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00200	2265	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00300	2265	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00400	2265	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00500	2265	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00600	2260	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00700	2260	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00800	2260	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								
	611558	00900	2260	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
						90	F	20	835	837	17.5								

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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A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST	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	A60mm %	Fa	S0 cm ²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
4	611558	01000	2270	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
	4962165				047180	90	F	20	835	837	17.5								
	611558	01100	2260	11	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
	4962166				047180	90	F	20	835	837	17.5								
	611558	01200	210	1	047180	0	F	20	755	813	19	1	.8	0	-20	104	112	112	109
	4962168				047180	90	F	20	835	837	17.5								
			12			25105													
TOTAL			12			25105													

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

BREMEN 20.06.2022



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION
 Harde

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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