



ArcelorMittal Bremen GmbH
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A02 CERTIFICATE
A03 Page: 01 / 02
20220043621-00

Inspection certificate 3.1 EN 10204

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
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Telefon 0421/6482813

A09 DISPATCH NOTE
DATE
0000221562
15.06.2022

A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
2217161
08.03.2022
GH22ALL005011

A07 CUSTOMER'S ORDER NUMBER
42005/42005/11

A10 PART NUMBER
2388160

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: **Amstrong® 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

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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: **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
11	8.00	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 %		
11	679575	01200	1380	5	047591	.0646	.0191	1.855	.0135	.0016	.0240	.0470	.0052	.0001	.0024	.1440	.0736	.0353	.0361	.0063	.0020	.0021		
	4960521				047591	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
	679576	01200	1660	6	047590	.0597	.0232	1.838	.0079	.0025	.0306	.0452	.0059	.0001	.0024	.1372	.0717	.0368	.0373	.0074	.0019	.0021		
	4960534				047590	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000		
			2																					
TOTAL			2		3040																			

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	A70mm %	Fa	S0 cm²	PR °	Temp °C	KV2VP_1 J	KV2VP_2 J	KV2VP_3 J	KV2VP_m J
11	679575	01200	1380	5	047591	0	F	20	758	818	17	1	.8	0	-20	100	117	119	112
	4960521				047591	90	F	20	849	851	16.5								
	679576	01200	1660	6	047590	0	F	20	769	823	17.5	1	.8	0	-20	104	115	104	107
	4960534				047590	90	F	20	836	844	15.5								
			2																
TOTAL			2		3040														

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

BREMEN 15.06.2022



QUALITY DEPARTMENT
 SITE EXPERT FOR INSPECTION

Witt

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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