



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
20220045700-00

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 0000224406
22.06.2022

A08.1 MANUFACTURER'S ORDER NR 2217161
DATE 08.03.2022
AGENCY'S ORDER NR. GH22ALL005002

A07 CUSTOMER'S ORDER NUMBER
42005/42005/2

A10 PART NUMBER
2388520

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 pickled 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

Finland



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A07 CUSTOMER'S ORDER NUMBER
 42005/42005/2

A10 PART NUMBER
 2388520

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 pickled 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
2	4.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	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	681572	00100	2325	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961813				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00200	2330	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961814				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00300	2325	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961815				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00400	2320	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961816				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00500	2315	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961817				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00600	2315	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961818				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00700	2325	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961819				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00800	2315	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961820				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	00900	2325	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961821				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	01000	2315	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961822				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	01100	2315	17	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961823				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
	681572	01200	270	2	047680	.0584	.0255	1.828	.0085	.0012	.0320	.0425	.0056	.0001	.0026	.1448	.0724	.0278	.0359	.0077	.0031	.0024	
	4961824				047680	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	
			12			25795																	

C02 test direction relating to rolling direction (0°= L; 90°= T) C04 specimen condition V:aged F:fresh N:normalised



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 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
2	4.00	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		25795																			

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST
						C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. strength Re MPa	C12 strength Rm MPa	C13 A50mm %	C50 Fa
2	681572	00100	2325	17	047680	0	F	20	698	791	15.5	1
	4961813				047680	90	F	20	782	825	15.5	
	681572	00200	2330	17	047680	0	F	20	698	791	15.5	1
	4961814				047680	90	F	20	782	825	15.5	
	681572	00300	2325	17	047680	0	F	20	698	791	15.5	1
	4961815				047680	90	F	20	782	825	15.5	
	681572	00400	2320	17	047680	0	F	20	698	791	15.5	1
	4961816				047680	90	F	20	782	825	15.5	
	681572	00500	2315	17	047680	0	F	20	698	791	15.5	1
	4961817				047680	90	F	20	782	825	15.5	
	681572	00600	2315	17	047680	0	F	20	698	791	15.5	1
	4961818				047680	90	F	20	782	825	15.5	
	681572	00700	2325	17	047680	0	F	20	698	791	15.5	1
	4961819				047680	90	F	20	782	825	15.5	
	681572	00800	2315	17	047680	0	F	20	698	791	15.5	1
	4961820				047680	90	F	20	782	825	15.5	
	681572	00900	2325	17	047680	0	F	20	698	791	15.5	1
	4961821				047680	90	F	20	782	825	15.5	

C02 test direction relating to rolling direction (0°= L; 90°= T) C04 specimen condition V:aged F:fresh N:normalised



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JITZ 1.79

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm	B11 LENGTH mm
2	4.00	1500.00	3000.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B08 AMOUNT	B07.2 HEAT	TENSILE TEST						BENDTEST
						C02	C04	C03	C11	C12	C13	C50
						PR °	MAZ	Temp °C	yield Re MPa	p. strength Rm MPa	A50mm %	Fa
2	681572	01000	2315	17	047680	0	F	20	698	791	15.5	1
	4961822				047680	90	F	20	782	825	15.5	
	681572	01100	2315	17	047680	0	F	20	698	791	15.5	1
	4961823				047680	90	F	20	782	825	15.5	
	681572	01200	270	2	047680	0	F	20	698	791	15.5	1
	4961824				047680	90	F	20	782	825	15.5	
			12		25795							
TOTAL			12		25795							

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



BREMEN 22.06.2022

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