



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  
20220058440-00

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  
000024262  
16.08.2022

A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
2219177  
11.05.2022  
GH23BYH003002

A07 CUSTOMER'S ORDER NUMBER  
P098949/P098949-2

A10 PART NUMBER  
2101750290

A06.1 CUSTOMER  
BE GROUP OY AB

Laiturikatu 2  
15140 Lahti  
Finland

A06.2 CONSIGNEE  
BE Group OY AB, KELAVARASTO

VANHANRADANKATU 42  
15522 LAHTI  
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 1.79

ArcelorMittal Bremen GmbH, Postfach 210220, 28222 BREMEN

BE GROUP OY AB

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 STANDARD: AM FCE  
 TERMS OF DELIVERY: EN 10051 (2010)  
 S355MC  
 EN 10149-2 (00-09-2013)

JITZ 1.79

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	333762	00300	2855	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978275	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	333762	00400	2855	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978276	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	333762	00500	2855	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978277	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	333762	00600	2850	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978278	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	333762	00700	2860	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978279	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	333762	00800	2850	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978280	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
	333762	00900	2855	16	049304	.0745	.0112	.5435	.0124	.0043	.0201	.0319	.0042	.0001	.0023	.0009	.0236	.0357	.0378	.0042	.0017	.0018			
						4978281	049304	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
		7																							
TOTAL		7																							

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	yield	p. strength	A55mm	Fa	S0	PR	Temp	KV2VP 1	KV2VP 2	KV2VP 3	KV2VP m
2	333762	00300	2855	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
						90	F	20	419	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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 STANDARD: **AM FCE**  
 TERMS OF DELIVERY: **EN 10051 (2010)**  
**S355MC**  
**EN 10149-2 (00-09-2013)**

JITZ 1.79

A08.2 ITEM	B09 THICKNESS mm	B10 WIDTH mm	B11 LENGTH mm
2	5.00	1500.00	3000.00

A08.2 ITEM	B07.1 COIL NO	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 Re MPa	C12 p. strength Rm MPa	C13 A55mm %	C50 Fa	C44 S0 cm²	C02 PR °	C03 Temp °C	C42 KV2VP 1 J	C42 KV2VP 2 J	C42 KV2VP 3 J	C43 KV2VP m J
						0			MPa	MPa	%		cm²		°C	J	J	J	m J
2	333762	00400	2855	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
	4978276	049304			90	F	20	419	489	31.5									
	333762	00500	2855	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
	4978277	049304			90	F	20	419	489	31.5									
	333762	00600	2850	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
	4978278	049304			90	F	20	419	489	31.5									
	333762	00700	2860	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
	4978279	049304			90	F	20	419	489	31.5									
	333762	00800	2850	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
	4978280	049304			90	F	20	419	489	31.5									
	333762	00900	2855	16	049304	0	F	20	411	493	34	1	.8	0	-20	190	188	190	189
	4978281	049304			90	F	20	419	489	31.5									
		7		19980															
<b>TOTAL</b>		7		19980															

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

 QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION  
 BREMEN 16.08.2022  
 Kochanowski

*Kochanowski*

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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