



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  
20210083269-00

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  
0000154816  
07.12.2021

A08.1 MANUFACTURER'S ORDER NR  
DATE  
AGENCY'S ORDER NR.  
2106698  
17.09.2021  
GH21HTH006003

A07 CUSTOMER'S ORDER NUMBER  
15232/15232/003

A10 PART NUMBER  
AMSTRONG355MC\_PICKLED

A06.1 CUSTOMER  
HTM YHTIOT OY  
TIILITEHTAANTIE 23  
12310 RYTTYLAE  
Finland  
A06.2 CONSIGNEE  
HTM YHTIOT OY  
TIILITEHTAANTIE 23  
12310 RYTTYLAE  
Finland

PRODUCT: hot rolled pickled coil

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

HTM YHTIOT OY

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

JITZ 1.79

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
3	5.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	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	498333	50000	11380	041722	.0761	.0130	.5244	.0081	.0059	.0158	.0407	.0049	.0001	.0015	.0015	.0217	.0259	.0313	.0035	.0027	.0020
				041722	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
498334	50100	11460	11460	041722	.0761	.0130	.5244	.0081	.0059	.0158	.0407	.0049	.0001	.0015	.0015	.0217	.0259	.0313	.0035	.0027	.0020
				041722	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
498337	50000	11440	11440	041722	.0761	.0130	.5244	.0081	.0059	.0158	.0407	.0049	.0001	.0015	.0015	.0217	.0259	.0313	.0035	.0027	.0020
				041722	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
498337	50100	11440	11440	041722	.0761	.0130	.5244	.0081	.0059	.0158	.0407	.0049	.0001	.0015	.0015	.0217	.0259	.0313	.0035	.0027	.0020
				041722	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
			4	45720																	
TOTAL			4	45720																	

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	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
3	498333	50000	11380	041722	0	F	20	400	486	34	1	.8	0	-20	204	210	218	210
				041722	90	F	20	407	481	32								
498334	50100	11460	11460	041722	0	F	20	401	488	34	1	.8	0	-20	214	210	212	212
				041722	90	F	20	408	483	31.5								
498337	50000	11440	11440	041722	0	F	20	400	486	34	1	.8	0	-20	198	220	216	211
				041722	90	F	20	407	481	32								
498337	50100	11440	11440	041722	0	F	20	400	486	34	1	.8	0	-20	198	220	216	211
				041722	90	F	20	407	481	32								
			4	45720														

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 1.79

A08.2	B09	B10
ITEM	THICKNES	WIDTH
	mm	mm
3	5.00	1500.00

A08.2	B07.1	B07.1	B13	B07.2	TENSILE TEST							BENDTEST		SHOCK TEST						
					C02	C04	C03	C11	C12	C13	C50	C44	C02	C03	C42	C42	C42	C43		
ITEM	COILNO	PART	WEIGHT	HEAT	PR	MAZ	Temp	yield	p.	strength	Rm	A55mm	Fa	S0	PR	Temp	KV2VP_1	KV2VP_2	KV2VP_3	KV2VP_m
			kg		°		°C	MPa	Re	MPa	%		cm <sup>2</sup>	°	°C	J	J	J	J	
TOTAL	4		45720																	

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

BREMEN 07.12.2021



QUALITY DEPARTMENT  
 SITE EXPERT FOR INSPECTION

Kramer

*Juhas Kramer*

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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