



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
20210059856-00

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
0000122183
02.09.2021

A08.1 MANUFACTURER'S ORDER NR
DATE
AGENCY'S ORDER NR.
2192887
28.05.2021
GH14H003002

A07 CUSTOMER'S ORDER NUMBER
14949/14949/002

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

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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
2	6.00	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 %
2	633036	50100	11380	038771 038771	.0716 0000	.0156 0000	.5584 0000	.0081 0000	.0051 0000	.0242 0000	.0434 0000	.0043 0000	.0001 0000	.0018 0000	.0009 0000	.0268 0000	.0262 0000	.0349 0000	.0020 0000	.0017 0000	.0017 0000
	633037	50000	11350	038776 038776	.0723 0000	.0179 0000	.5302 0000	.0116 0000	.0058 0000	.0295 0000	.0289 0000	.0040 0000	.0001 0000	.0044 0000	.0011 0000	.0243 0000	.0342 0000	.0398 0000	.0024 0000	.0017 0000	.0018 0000
	633039	50000	11310	038776 038776	.0723 0000	.0179 0000	.5302 0000	.0116 0000	.0058 0000	.0295 0000	.0289 0000	.0040 0000	.0001 0000	.0044 0000	.0011 0000	.0243 0000	.0342 0000	.0398 0000	.0024 0000	.0017 0000	.0018 0000
	633039	50100	11320	038776 038776	.0723 0000	.0179 0000	.5302 0000	.0116 0000	.0058 0000	.0295 0000	.0289 0000	.0040 0000	.0001 0000	.0044 0000	.0011 0000	.0243 0000	.0342 0000	.0398 0000	.0024 0000	.0017 0000	.0018 0000
		4	45360																		
TOTAL		4	45360																		

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	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	yield p.	strength	A60mm	Fa	S0	PR	Temp	KV2VP_1	KV2VP_2	KV2VP_3	KV2VP_m
2	633036	50100	11380	038771 038771	0 90	F F	20 20	389 426	472 482	32.5 31.5	1	.8	0	-20	194	192	190	192
	633037	50000	11350	038776 038776	0 90	F F	20 20	386 405	477 483	34 32	1	.8	0	-20	206	226	206	212
	633039	50000	11310	038776 038776	0 90	F F	20 20	386 405	477 483	34 32	1	.8	0	-20	206	226	206	212
	633039	50100	11320	038776 038776	0 90	F F	20 20	386 405	477 483	34 32	1	.8	0	-20	206	226	206	212
		4	45360															

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	B09 THICKNES mm	B10 WIDTH mm
2	6.00	1500.00

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	TENSILE TEST							BENDTEST		SHOCK TEST			
					C02 PR	C04 MAZ	C03 Temp °C	C11 yield Re MPa	C12 p. strength Rm MPa	C13 A60mm %	C50 Fa	C44 S0 cm ²	C02 PR	C03 Temp °C	C42 KV2VP_1 J	C42 KV2VP_2 J	C42 KV2VP_3 J
TOTAL		4	45360														

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

BREMEN 03.09.2021



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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