


AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 01/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		


BO1-BO4 MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = AM FCE  
 QUALITY AMSTRONG355MC  
 STAND: EN 10051 (2010)

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6.00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS																				
C70 STEELMAKING PROCESS: LD																				
BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	BO7 COIL NO	BO8 CAST N.	C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al_t	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	
					10 <sup>-3%</sup>	10 <sup>-2%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-4%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-4%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES												
TENSILE TEST					C40 IMPACT (CHARPY V)							
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859693	F	L	387	488	33						

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 02/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
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BO1-BO4 MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = AM FCE  
 QUALITY AMSTRONG355MC  
 STAND: EN 10051 (2010)

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
	866859701	F	L	372	475	35							
4													
10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.

REFERENCES


AMSTRONG355MC\_PICKLED

R. SLOCK  
 QUALITY DEPARTMENT

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
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Z01

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 01/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
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		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6,00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS  
C70 STEELMAKING PROCESS: LD


BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C70 STEELMAKING PROCESS: LD															
					C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al <sub>t</sub>	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)							
		C04	C02	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J	
08	866859693	F	L	387	488	33							

C04 CONDITION OF THE SPECIMEN  
V: AGED F: NON-AGED N: NORMALISED

C02 DIRECTION SPECIMEN  
L: OGR S: 45GR D: 9OGR

A01  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	A02 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	A03 211611803 P. 02/02	A09 DISPATCH NOTE 3776487 DATE 18-11-2021	A06.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	A05 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	A08 ORDER NUMBER 24720 DATE	A07 YOUR ORDER NO 15122 DATE 27-07-2021	A06.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
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		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD R <sub>p0.2</sub> MPa	C12 STRENGTH R <sub>m</sub> MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
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10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

BO1-BO4

- MATERIAL - HOT ROLLED STEEL COILS ,PICKLED,  
 (OO-09-2013) ORDER ITEM 10 12 - AM FCE  
 QUALITY ORDER ITEM 08 - S355MC ORDER ITEM 10 12 - AMSTRONG355MC  
 - STAND: EN 10051 (2010)

STANDARD = ORDER ITEM 08 - EN 10149-2

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.  
 REFERENCES


R. SLOCK  
 QUALITY DEPARTMENT

AMSTRONG355MC\_PICKLED

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
--	--

Z01

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		CONTRACT NO GH14HTH009	YOUR REFERENCES	
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BO1-BO4 SEE BELOW

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6,00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS  
C70 STEELMAKING PROCESS: LD


BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C70 STEELMAKING PROCESS: LD															
					C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al <sub>t</sub>	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
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	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)								
		C04	C02	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J		
08	866859693	F	L	387	488	33								

C04 CONDITION OF THE SPECIMEN  
V: AGED F: NON-AGED N: NORMALISED

C02 DIRECTION SPECIMEN  
L: OGR S: 45GR D: 9OGR

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		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
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	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

BO1-BO4

- MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = ORDER ITEM 08 12 - AM FCE ORDER ITEM  
 10 - EN 10149-2 (00-09-2013)  
 QUALITY ORDER ITEM 08 12 - AMSTRONG355MC ORDER ITEM 10 - S355MC  
 - STAND: EN 10051 (2010)

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.  
 REFERENCES


AMSTRONG355MC\_PICKLED

R. SLOCK  
 QUALITY DEPARTMENT

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
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BO1-BO4 SEE BELOW

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6,00	AMSTRONG355MC_PICKLED


CHEMICAL ANALYSIS  
C70 STEELMAKING PROCESS: LD

BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C70 STEELMAKING PROCESS: LD															
					C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al <sub>t</sub>	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
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	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
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	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)								
		C04	C02	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J		
08	866859693	F	L	387	488	33								

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
--	--

A01  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	A02 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	A03 211611803 P. 02/02	A09 DISPATCH NOTE 3776487 DATE 18-11-2021	A06.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	A05 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	A08 ORDER NUMBER 24720 DATE	A07 YOUR ORDER NO 15122 DATE 27-07-2021	A06.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD R <sub>p0.2</sub> MPa	C12 STRENGTH R <sub>m</sub> MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
	866859701	F	L	372	475	35							
4													
10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

BO1-BO4

- MATERIAL - HOT ROLLED STEEL COILS ,PICKLED,  
 (OO-09-2013) ORDER ITEM 12 - AM FCE  
 QUALITY ORDER ITEM 08 10 - S355MC ORDER ITEM 12 - AMSTRONG355MC  
 - STAND: EN 10051 (2010)

STANDARD = ORDER ITEM 08 10 - EN 10149-2

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.

REFERENCES

AMSTRONG355MC\_PICKLED


R. SLOCK  
 QUALITY DEPARTMENT

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
--	--

Z01



AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 01/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6,00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS  
C70 STEELMAKING PROCESS: LD


BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C70 STEELMAKING PROCESS: LD															
					C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al <sub>t</sub>	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)							
		C04	C02	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J	
08	866859693	F	L	387	488	33							

C04 CONDITION OF THE SPECIMEN  
V: AGED F: NON-AGED N: NORMALISED

C02 DIRECTION SPECIMEN  
L: OGR S: 45GR D: 9OGR

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 02/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
	866859701	F	L	372	475	35							
4													
10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

BO1-BO4

- MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = ORDER ITEM 08 10 - AM FCE ORDER ITEM  
 12 - EN 10149-2 (00-09-2013)  
 QUALITY ORDER ITEM 08 10 - AMSTRONG355MC ORDER ITEM 12 - S355MC  
 - STAND: EN 10051 (2010)

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.  
 REFERENCES


AMSTRONG355MC\_PICKLED

R. SLOCK  
 QUALITY DEPARTMENT

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
--	--

Z01

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 01/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6,00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS  
C70 STEELMAKING PROCESS: LD


BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C85															
					C	Mn	Si	P	S	N	Al_t	Ti	Cr	Ni	Cu	Nb	B	V	Mo	
					10 <sup>-3</sup> %	10 <sup>-2</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-4</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-4</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)								
		C04	C02	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J		
08	866859693	F	L	387	488	33								

C04 CONDITION OF THE SPECIMEN  
V: AGED F: NON-AGED N: NORMALISED

C02 DIRECTION SPECIMEN  
L: OGR S: 45GR D: 9OGR

A01  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	A02 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	A03 211611803 P. 02/02	A09 DISPATCH NOTE 3776487 DATE 18-11-2021	A06.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	A05 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	A08 ORDER NUMBER 24720 DATE	A07 YOUR ORDER NO 15122 DATE 27-07-2021	A06.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD R <sub>p0.2</sub> MPa	C12 STRENGTH R <sub>m</sub> MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
	866859701	F	L	372	475	35							
4													
10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

BO1-BO4

-----  
 - MATERIAL - HOT ROLLED STEEL COILS ,PICKLED,  
 (OO-09-2013) ORDER ITEM 10 - AM FCE  
 QUALITY ORDER ITEM 08 12 - S355MC ORDER ITEM 10 - AMSTRONG355MC  
 - STAND: EN 10051 (2010)

STANDARD = ORDER ITEM 08 12 - EN 10149-2

REMARKS

-----  
 TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.  
 REFERENCES


R. SLOCK  
 QUALITY DEPARTMENT

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 AMSTRONG355MC\_PICKLED

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
--	--

Z01

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 01/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6,00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS  
C70 STEELMAKING PROCESS: LD


BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	B07 COIL NO	B08 CAST N.	C71-C85															
					C	Mn	Si	P	S	N	Al_t	Ti	Cr	Ni	Cu	Nb	B	V	Mo	
					10 <sup>-3</sup> %	10 <sup>-2</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-4</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	10 <sup>-4</sup> %	10 <sup>-3</sup> %	10 <sup>-3</sup> %	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES

BO9 ITEM	PACK NR	TENSILE TEST				C40 IMPACT (CHARPY V)							
		C04	C02	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J	
08	866859693	F	L	387	488	33							

C04 CONDITION OF THE SPECIMEN  
V: AGED F: NON-AGED N: NORMALISED

C02 DIRECTION SPECIMEN  
L: OGR S: 45GR D: 9OGR

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 02/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		

BO1-BO4 SEE BELOW

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
	866859701	F	L	372	475	35							
4													
10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

BO1-BO4

- MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = ORDER ITEM 08 - AM FCE ORDER ITEM 10  
 12 - EN 10149-2 (00-09-2013)  
 QUALITY ORDER ITEM 08 - AMSTRONG355MC ORDER ITEM 10 12 - S355MC  
 - STAND: EN 10051 (2010)

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.  
 REFERENCES


AMSTRONG355MC\_PICKLED

R. SLOCK  
 QUALITY DEPARTMENT

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
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Z01

AO1  <b>ArcelorMittal</b>  <b>ArcelorMittal Belgium NV</b> <b>ArcelorMittal Gent</b>  John Kennedylaan, 51 9042 Gent (België)  Tel.: +32 9.347.31.11 Fax: +32 9.347.49.07	AO2 CERTIFICATE ----- INSPECTION CERTIFICATE ACCORDING EN10204-3.1 OR EQUIVALENT.	AO3 211611803 P. 01/02	AO9 DISPATCH NOTE 3776487 DATE 18-11-2021	AO6.1 CUSTOMER HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 0501838
	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
		CONTRACT NO GH14HTH009	YOUR REFERENCES	
		OUR REFERENCES OBC-AU/DHAH		


BO1-BO4 MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = EN 10149-2 (00-09-2013)  
 QUALITY S355MC  
 STAND: EN 10051 (2010)

BO9 ITEM	B10 WIDTH MM	B11 THICKNESS MM	REF. CUSTOMER
08	1.500	5,00	AMSTRONG355MC_PICKLED
10	1.500	4,00	AMSTRONG355MC_PICKLED
12	1.500	6.00	AMSTRONG355MC_PICKLED

CHEMICAL ANALYSIS C70 STEELMAKING PROCESS: LD																				
BO9 ITEM	PACK NR	B13 GROSS WEIGHT KG	BO7 COIL NO	BO8 CAST N.	C71 C	C72 Mn	C73 Si	C74 P	C75 S	C76 N	C77 Al_t	C78 Ti	C79 Cr	C80 Ni	C81 Cu	C82 Nb	C83 B	C84 V	C85 Mo	
					10 <sup>-3%</sup>	10 <sup>-2%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-4%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	10 <sup>-4%</sup>	10 <sup>-3%</sup>	10 <sup>-3%</sup>	
08	866859693	14380	49408351	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859694	14370	49408368	85056	68	55	7	15	7	50	25	1	22	12	12	29	1	0	2	
	866859698	14180	49408375	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
	866859701	14170	49408382	84703	68	54	8	15	5	38	32	1	18	10	12	24	1	0	2	
4		57100																		
10	866857911	14410	49408085	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857917	14380	49408092	85059	66	55	12	18	6	29	42	1	27	15	19	27	1	0	2	
	866857919	14420	49408108	85057	65	56	12	17	6	35	44	1	26	14	17	28	1	0	2	
3		43210																		
12	866857989	14370	49408436	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866857992	14340	49408443	85055	68	53	6	13	6	46	31	1	23	13	19	25	1	0	2	
	866863661	14360	49553556	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
	866863664	14360	49553563	85054	67	54	6	13	7	43	34	1	21	12	12	27	1	0	1	
4		57430																		
11		157740																		

MECHANICAL PROPERTIES												
TENSILE TEST					C40 IMPACT (CHARPY V)							
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859693	F	L	387	488	33						

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR

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	AO5 AUTHOR OF THE DOCUMENT AM GENT/ QUALITY DEPARTMENT	AO8 ORDER NUMBER 24720 DATE	AO7 YOUR ORDER NO 15122 DATE 27-07-2021	AO6.2 DESTINATION HTM YHTIOT OY TIILITEHTAANTIE 23 FIN-12310 RYTTYLAE FINLAND 050183
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BO1-BO4 MATERIAL - HOT ROLLED STEEL COILS ,PICKLED, STANDARD = EN 10149-2 (00-09-2013)  
 QUALITY S355MC  
 STAND: EN 10051 (2010)

		MECHANICAL PROPERTIES											
		TENSILE TEST						C40 IMPACT (CHARPY V)					
BO9 ITEM	PACK NR	CO4	CO2	C11 YIELD Rp0.2 MPa	C12 STRENGTH Rm MPa	C13 A %	CO2	C44 TKC C	C41 THICKNESS DiKC mm	C42 KCV1 J	C42 KCV2 J	C42 KCV3 J	C43 KCV J
08	866859694	F	L	387	488	33							
	866859698	F	L	372	475	35							
	866859701	F	L	372	475	35							
4													
10	866857911	F	L	385	487	34							
	866857917	F	L	385	487	34							
	866857919	F	L	392	493	34							
3													
12	866857989	F	L	380	479	33	L	-20	6,00	133	144	135	137
	866857992	F	L	375	477	34	L	-20	6,00	133	134	144	137
	866863661	F	L	379	481	33	L	-20	6,00	133	134	144	137
	866863664	F	L	379	481	33	L	-20	6,00	133	134	145	137
4													

REMARKS

TENSILE TEST SPECIMEN LC/LO/BO 120/ 5.65 SQR(SO)/ 20 MM.

REFERENCES

AMSTRONG355MC\_PICKLED

R. SLOCK  
 QUALITY DEPARTMENT

GENT 19-11-2021

CO4 CONDITION OF THE SPECIMEN V: AGED F: NON-AGED N: NORMALISED	CO2 DIRECTION SPECIMEN L: OGR S: 45GR D: 9OGR
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