

Inspection certificate EN 10 204 - 3.1		A02	Issuing department Quality inspection	A05	Purchaser order no P058255	A07	Our order no 156108-1	A08	Invoice no 2952133	A19	Certificate no and date 17121321 2018-02-19	SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden		A01
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Purchaser BE GROUP OY AB PL 54 FI-15101 FINLAND		A11 81205		Product Hot rolled pickled sheets		B01	Marking Manufacturer, MATERIAL ID		B06	Customer marks		B15
Quantity 54		B08	Dimensions [mm] T 12 W 1500 L 3000	B09-B11	Weight [kg] 23000	B12	Deliv. Cond.	B04	Internal code			B16
Consignee BE GROUP OY AB PL 54 FI-15101 LAHTI FINLAND		A06	Standard/rules SSAB Steel grade SSAB Domex 355MC D*								B02	

MATERIAL ID
21-7979-241577-01 , 21-7979-241577-02 , 21-7979-241577-03 , 21-7979-241577-04 , 21-7979-241577-05 , 21-7979-241577-06 , 21-7979-241577-07 , 21-7979-241577-08 , 21-7979-241577-09

Chemical composition																	
Heat no 21-7979	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv	C93-C99
	.068	.01	.60	.014	.003	.02	.03	.00	.01	.00	.00	.053	.034	.0000	.003	.18	C71-C92 Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	Millicode	C00	Specimen position	C01	Direc- tion	C02	Treat- ment	B05	Specimen type	C10	Temp [degr C]	Test results					
												C11	C12	C13	C42	C43	
Tensile test	DUV411		Top end		Longitudinal		Delivery condition		Rectangular 380x40				*ReH [MPa] 400	Rm [MPa] 505	A5 [%] 32.5		
Impact test	DUV412		Top end		Longitudinal		Delivery condition		Charpy-V 10x10		-20		E [J] 298	E [J] 265	E [J] 300	Ave [J] 287	
Bend test	DUV413		Top end		Transvers		Delivery condition		Rectangular 300x25				C50 The test is satisfactory				

*) S355MC EN 10149-2
No yield point extension Ae detected. Measured value for *ReH/ReL replaced by *Rp02
Production time: 2018-02-19

Customer article no: 2101751100

This certificate is produced with EDP and valid without signature Material Testing/ H Leu / M Eriksson / V Esbelani	Z02	It is hereby certified that the material described above complies with the requirements of the order.	Z01	A04
	Z02		A22	A04