

Inspection certificate EN 10 204 - 3.1		A02	Issuing department Quality inspection	A05	Purchaser order no P047529	A07	Our order no 107344-2	A08	Invoice no 2836151	A19	Certificate no and date 16381336 2017-01-16	SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden		A01
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Purchaser BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A11 81205		Product Hot rolled pickled sheets		B01	Marking Manufacturer, MATERIAL ID		B06	Customer marks		B15
Quantity 59		B08	Dimensions [mm] T 12 W 1500 L 3000	B09-B11	Weight [kg] 25140	B12	Deliv. Cond. B04	Internal code	B16			B16
Consignee BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A06		Standard/rules SSAB Steel grade SSAB Domex 355MC D*)								B02

MATERIAL ID
20-5306-118709-01 , 20-5306-118709-02 , 20-5306-118709-03 , 20-5306-118709-04 , 20-5306-118709-05 , 20-5306-118709-06 , 20-5306-118709-07 , 20-5306-118709-08 , 20-5306-118709-09 , 20-5306-118709-10

Chemical composition																		
Heat no 20-5306	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv	C93-C99 Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5	
	.070	.01	.59	.007	.003	.03	.03	.00	.01	.00	.01	.045	.037	.0001	.003	.18		

Testtype	Millcode	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	CWO684		Top end	Longitudinal	Longitudinal	Delivery condition	Rectangular 380x40						C11 *Reh [MPa] 399	C12 Rm [MPa] 507	C13 A5 [%] 33.0	C42 E [J] 327	C43 Ave [J] 329
Impact test	CWO685		Top end	Longitudinal	Longitudinal	Delivery condition	Charpy-V 10x10				-20		C42 E [J] 338	C42 E [J] 324	C43 Ave [J] 329		
Bend test	CWO686		Top end	Transvers	Transvers	Delivery condition	Rectangular 300x25						C50 The_test_is satisfactory				

*) S355MC EN 10149-2

*Rp02 No yield point extension Ae

Production time: 2016-12-18

Customer article no: 2101751100

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