

Inspection certificate EN 10 204 - 3.1		A02	Issuing department Quality inspection	A05	Purchaser order no P108264	A07	Our order no 345537-1	A08	Invoice no 3438913	A19	Certificate no and date 2-17-10094 2023-10-11	A03
SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden A01												

Purchaser BE GROUP OY AB PL 54 FI-15101 LAHTI FINLAND		A11 81205		Product Hot rolled pickled sheets		B01 Marking Manufacturer, MATERIAL ID		B06 Customer marks		B15		
Quantity B08 60		Dimensions [mm] T 12 W 1500 L 3000		B09-B11,B14 Weight [kg] 25700		B12		Deliv. Cond. B04		Internal code B16		
Consignee BE GROUP OY AB PL 54 FI-15101 LAHTI FINLAND		A06		Standard/rules EN 10149-2:2013 Steel grade S420MC EN 10149-2					B02			

MATERIAL ID
25-9177-102287-01 , 25-9177-102287-02 , 25-9177-102287-03 , 25-9177-102287-04 , 25-9177-102287-05 , 25-9177-102287-06 , 25-9177-102287-07 , 25-9177-102287-08 , 25-9177-102287-09 , 25-9177-102287-10

Chemical composition																	
Heat no 25-9177	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	CEV	C93-C99
	.064	.01	1.37	.016	.003	.03	.04	.00	.01	.002	.01	.031	.038	.0001	.003	.30	C71-C92 Carbon equivalent etc CEV = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	Millcode	C00	Specimen position	C01	Direc- tion	C02	Treat- ment	B05	Specimen type	C10	Temp [degr C]	Test results				
												C11	C12	C13	C43	
Tensile test	IOF704		Top end		Longitudinal		Delivery condition		ISO6892-1 type 2			*ReH [MPa] 446	Rm [MPa] 552	A5 [%] 23.5	C42 E [J] 282	C43 Ave [J] 300
Impact test	IOF705		Top end		Longitudinal		Delivery condition		Charpy-V 10x10		-20	C42 E [J] 314				
Bend test	IOF706		Top end		Transverse		Delivery condition					C50 The_test_is satisfactory				

No yield point extension Ae detected. Measured value for *ReH/ReL replaced by *Rp02

Production time: 2023-10-10

Customer article no: 2101452105

This certificate is produced with EDP and valid without signature		Z04	Z01
Material Testing/ H Leu / M Modig Eriksson / V Esbelani / M Stolpe		It is hereby certified that the material described above complies with the requirements of the order.	