

SSAB EMEA AB, SE-781 84 BORLÅNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P042183	A07	Our order no 882460-1	A08	Invoice no 2770250	A19	Certificate no and date 15979953 2016-05-13	A03
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Purchaser BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND	A11	Product Hot rolled sheets	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules SS/AB	B02
	81205	Quantity D08 30	Dimensions [mm] T 16 W 1500 L 3000	D09-D11 D09-D11	Weight [kg] 17060	Deliv. Cond. D04	DOMEX 355 MC B Internal code D16
Consignee RE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A06		Customer marks		B15	

MATERIAL ID
 20-3522-756612-04 , 20-3522-756612-05 , 20-3522-756612-06 , 20-3522-756612-07 , 20-3522-756612-08 , 20-3522-756612-09 , 20-3522-756612-10

Chemical composition		C71-C92	C93-C99
Heat no 20-3522	C .070	Si .01	Mn .61
	P .006	S .003	Cr .02
	Ni .03	Mo .00	V .01
	Ti .00	Cu .00	Al .047
	Nb .038	B .0000	N .004
	Cekv .18	Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5	

Testtype	C04 Millicode	C00 Specimen position	C01 Specimen position	C02 Direction	C05 Treatment	C10 Specimen type	C03 Temp [degr C]	Test results		
								C11 *Reh [MPa]	C12 Rm [MPa]	C13 A5 [%]
Tensile test	CKX782	Top end	Longitudinal	Delivery condition	Rectangular 380x40	367	499	26.5		
Bend test	CKX784	Top end	Transvers	Delivery condition	Rectangular 300x25	The test is satisfactory				

*Rp02 No yield point extension Ae
 Production time: 2016-05-12

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