

SSAB EMEA AB, SE-781 84 BORLÅNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P027006	A07	Our order no 819747-2	A08	Invoice no 2633227	A19	Certificate no and date 15137942 2014-11-18	A03
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Purchaser BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND	A11	Product HR pickl. wide strip in sheets	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules SSAB	B02
	81205	Quantity 118	Dimensions [mm] T 6 W 1500 L 3000	D09-D11	Weight [kg] 25240	D12	Steel grade DOMEX LASER 355 MC D
		Consignee RE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND	A06	Customer marks	D04	Deliv. Cond.	D04

MATERIAL ID
60-9186-607676-01 , 60-9186-607676-02 , 60-9186-607676-03 , 60-9186-607676-04 , 60-9186-607676-05 , 60-9186-607676-06 , 60-9186-607676-07 , 60-9186-607676-08 , 60-9186-607676-09 , 60-9186-607676-10

Heat no 60-9186	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv	C93-C99
	.065	.01	.59	.007	.003	.03	.05	.02	.01	.00	.01	.039	.035	.0002	.004	.18	C71-C92 Carbon equivalent etc Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	Millcode	Specimen position	Direction	Treatment	Specimen type	Temp [degr C]	Test results	
							C01	C03
Tensile test	BKG970	Top end	Longitudinal	Delivery condition	Rectangular 380x40	-20	C11 Reh [MPa] 426	C12 Rm [MPa] 503
Impact test	BKG971	Top end	Longitudinal	Delivery condition	Charpy-V 10x5	-20	C13 A5 [%] 37.0	C42 E [J] 112
Bend test	BKG972	Top end	Transvers	Delivery condition	Rectangular 300x25	-	C43 Ave [J] 110	C50 The_test_is satisfactory

Production time: 2014-11-17

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/ M Eriksson/ L Söderqvist	Z01	A04
			A22	DOMEX® HIGH STRENGTH STEEL www.domex.com