

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P025390	A07	Our order no 814306-5	A08	Invoice no 2621828	A19	Certificate no and date 15060479 2014-10-03	A03
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Purchaser A11 81205 BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND	Product	B01	HR pickl. wide strip in sheets	Marking	B06	Manufacturer, MATERIAL ID	Standard/rules	B02	SSAB	
	Quantity	B08	88	Dimensions [mm]	B09-B11	T 8 W 1500 L 3000	Weight [kg]	B12	25130	
	Deliv. Cond.	B04		Internal code	B16		Steel grade		DOMEX LASER 355 MC D	
Consignee	A06	BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		Customer marks	B15					

MATERIAL ID	B07
29-1162-595111-01 , 29-1162-595111-02 , 29-1162-595111-03 , 29-1162-595111-04 , 29-1162-595111-05 , 29-1162-595111-06 , 29-1162-595111-07 , 29-1162-595111-08 , 29-1162-595111-09 , 29-1162-595111-10	

Chemical composition	C71-C92	Carbon equivalent etc	C93-C99													
Heat no	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv
29-1162	.064	.01	.60	.008	.004	.03	.04	.00	.01	.00	.01	.050	.038	.0001	.003	.17
																Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treatment	B05	Specimen type	C10	Temp [degr C]	C03	Test results			
Tensile test		BIB281		Top end		Longitudinal		Delivery condition		Rectangular 380x40				C11 Reh [MPa] 406	C12 Rm [MPa] 498	C13 A5 [%] 33,0	
Impact test		BIB282		Top end		Longitudinal		Delivery condition		Charpy-V 10x7.5		-20		C42 E [J] 200	C42 E [J] 204	C42 E [J] 174	C43 Ave [J] 192
Bend test		BIB283		Top end		Transvers		Delivery condition		Rectangular 300x25				C50 The_test_is satisfactory			

Production time: 2014-10-02

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	Z01	A22	A04	 www.domex.com
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