

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no P026683	A07	Our order no 818516-2	A08	Invoice no 2631422	A19	Certificate no and date 15127380 2014-11-10	A03
Purchaser BE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A11 81205		Product HR pickl. wide strip in sheets		B01		Marking Manufacturer, MATERIAL ID		B02	
Quantity D08 48		Dimensions [mm] T 6 W 1500 L 3000		D09-D11 Weight [kg] 10170		D12		Deliv. Cond. D04		DOMEX 355 MC D Internal code D16	
Consignee RE GROUP OY AB HELSINGINTIE 50 POSTBOX 54 FI-15101 LAHTIS FINLAND		A06		Customer marks		B15					
MATERIAL ID 29-3098-606315-01 , 29-3098-606315-02 , 29-3098-606315-03 , 29-3098-606315-04 , 29-3098-606315-05											

Chemical composition																	
Heat no 29-3098	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	Cekv	C93-C99
	.066	.01	.59	.010	.003	.02	.03	.00	.02	.00	.01	.040	.036	.0001	.003	.18	C71-C92 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	C02 Treatment	B05 Specimen type	C10 Temp [degr C]	C03 Test results			
								C11 Reh [MPa]	C12 Rm [MPa]	C13 A5 [%]	C43 Ave [J]
Tensile test	BJY575	Top end	Longitudinal	Delivery condition	Rectangular 380x40	-20	C11 439	C12 522	C13 30,5	C42 E [J] 101	C43 Ave [J] 97
Impact test	BJY576	Top end	Longitudinal	Delivery condition	Charpy-V 10x5		C42 E [J] 93	C42 E [J] 101			
Bend test	BJY577	Top end	Transvers	Delivery condition	Rectangular 300x25		C50 The test is satisfactory				

Production time: 2014-11-10

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	A22	A04
	 <p>DOMEX® HIGH STRENGTH STEEL www.domex.com</p>				