

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden

Inspection certificate EN 10 204 - 3.1	A02	Issuing department Quality inspection	A05	Purchaser order no st#31465	A07	Our order no 844771-1	A08	Invoice no 2680145	A19	Certificate no and date 15422430 2015-05-21	A03
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Purchaser OY ALUSTEEL AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	Product HR pickl. wide strip in sheets	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules SSAB Steel grade	B02			
	24574	Quantity 101	B08	Dimensions [mm] T 4 W 1500 L 3000	B09-B11	Weight [kg] 14390	B12	Deliv. Cond. B04	Internal code DOMEX 355 MC D	B16
	Consignee OY ALUSTEEL AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND				A06	Customer marks		B15		

MATERIAL ID 60-9637-639780-06 , 60-9637-639780-07 , 60-9637-639780-08 , 60-9637-639780-09 , 60-9637-639780-10 , 60-9637-639780-11	B07
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Chemical composition	C71-C92	Carbon equivalent etc	C93-C99														
Heat no 60-9637	C .056	Si .02	Mn .61	P .008	S .002	Cr .04	Ni .05	Mo .02	V .01	Ti .00	Cu .01	Al .049	Nb .025	B .0002	N .003	Cekv .18	Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5

Testtype	Millcode	Specimen position	Direction	Treatment	Specimen type	Temp [degr C]	Test results		
Tensile test	BPX081	Top end	Longitudinal	Delivery condition	Rectangular 380x40		C11 Reh [MPa] 394	C12 Rm [MPa] 477	C13 A5 [%] 37.5
Bend test	BPX082	Top end	Transvers	Delivery condition	Rectangular 300x25		C50 The test is satisfactory		

Production time: 2015-04-27

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	 www.domex.com	A04
		Material Testing/ L Smedh/ M Eriksson/ L Söderqvist				