

SSAB EMEA AB, SE-781 84 BORLÄNGE, Sweden


<b>Inspection certificate</b> EN 10 204 - 3.1	A02	<b>Issuing department</b> Quality inspection	A05	<b>Purchaser order no</b> 26499	A07	<b>Our order no</b> 791700-8	A08	<b>Invoice no</b> 2574058	A19	<b>Certificate no and date</b> 14737645 2014-03-14	A03
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<b>Purchaser</b> ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	<b>Product</b> HR wide strip in coils	B01	<b>Marking</b> Manufacturer, MATERIAL ID	B06	<b>Standard/rules</b> EN 10025-2	B02			
	24574	<b>Quantity</b> 1	B08	<b>Dimensions [mm]</b> T 3 W 1500 L 0	B09-B11	<b>Weight [kg]</b> 13840	B12	<b>Deliv. Cond.</b> B04	<b>Internal code</b> B16	
		<b>Consignee</b> ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A06	<b>Customer marks</b>	B15					
<b>MATERIAL ID</b> 28-7913-540963										B07

Chemical composition										C71-C92	Carbon equivalent etc	C93-C99					
<b>Heat no</b> 28-7913	<b>C</b> .155	<b>Si</b> .21	<b>Mn</b> 1.14	<b>P</b> .012	<b>S</b> .002	<b>Cr</b> .03	<b>Ni</b> .03	<b>Mo</b> .00	<b>V</b> .01	<b>Ti</b> .00	<b>Cu</b> .13	<b>Al</b> .061	<b>Nb</b> .000	<b>B</b> .0002	<b>N</b> .006	<b>Cekv</b> .36	$Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5$

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treatment	B05	Specimen type	C10	Temp [degr C]	C03	Test results		
Tensile test		AYE875		Top end		Transvers		Delivery condition		Rectangular 380x40				C11 NReH [MPa] 388		
Tensile test		AYE876		Top end		Transvers		Delivery condition		Rectangular 380x40				C11 Reh [MPa] 465	C12 Rm [MPa] 539	C13 A5 [%] 30,5

Production time: 2014-03-14

It is hereby certified that the material described above complies with the requirements of the order.	Z02	 0045-CPD-0635	This certificate is produced with EDP and valid without signature Material Testing/ L Smedh/ M Eriksson/ L Söderqvist	Z01	A22	A04
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