

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#29749	A07	Our order no 827386-6	A08	Invoice no 2651071	A19	Certificate no and date 15254013 2015-02-06	A03
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Purchaser ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A11	Product CR cont annealed sheet	B01	Marking Manufacturer, MATERIAL ID	B06	Standard/rules Steel grade DOCOL 200 A	B02		
	24574	Quantity 199	B08	Dimensions [mm] T 1,5 W 1500 L 3000	B09-B11	Weight [kg] 10605	B12	Deliv. Cond. B04	Internal code B16
		Consignee ALUSTEEL OY AB TELAKKATIE 4 FI-23500 UUSIKAUPUNKI FINLAND	A06	Customer marks	B15				

MATERIAL ID 29-4681-C49718-01 , 29-4681-C49718-02 , 29-4681-C49718-03 , 29-4681-C49718-04 , 29-4681-C49718-05 , 29-4681-C49718-06	B07
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Chemical composition	C71-C92	Carbon equivalent etc	C93-C99														
Heat no 29-4681	C .043	Si .00	Mn .22	P .010	S .006	Cr .02	Ni .03	Mo .00	V .00	Ti .00	Cu .01	Al .037	Nb .001	B .0013	N .002	Cekv .09	$Cekv = C + Mn/6 + (Ni + Cu)/15 + (Cr + Mo + V)/5$

Testtype	Millcode	Specimen position	Direction	Treatment	Specimen type	Temp [degr C]	Test results		
Tensile test	BNH240	Top end	Transvers	Delivery condition	Rectangular 250x20		C11 Rp0.2 [MPa] 217	C12 Rm [MPa] 330	C13 A80 [%] 40.0

Production time: 2015-01-22

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
		Material Testing/ L Smedh/ M Eriksson/ L Söderqvist			 HIGH STRENGTH STEEL www.docol.com