



Aleris Aluminum Duffel BVBA
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www.aleris.com

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CERTIFICATE EN 10204-3.1

YOUR ORDER NUMBER : 4501053417
OUR ORDER NUMBER : 37582/01
DOCUMENT NUMBER : V/0080599998

CUSTOMER : TIBNOR OY

ASPONKATU 12
FIN-04400 J2RVENP22

DIMENSIONS : 2500 X 1250 X 1MM

ARTICLE NO. : ALU SHEETS EN 5005 H14 ANOD NAT 15MU + PE

ORIGIN OF GOODS : EUROPEAN UNION (BELGIUM)

CHEMICAL COMPOSITION (WEIGHT %)

COIL NUMBER	CAST NUMBER	SI	FE	CU	MN	MG	CR	ZN
001	9740001	0,30	0,7	0,20	0,20	0,50	0,10	0,25
		0,15	0,4	0,00	0,02	0,82	0,01	0,01

OTHERS : EACH :
TOTAL : MIN MIN

0,05 MAX
0,15 MAX

MECHANICAL PROPERTIES

(T) = TRANSVERSAL (L) = LONGITUDINAL
 1 N/MM2 = 1 MPa = 0,1 HBAR = 0,102 KG/MM2 = 0,145 KSI
 /A = REAR END /M = MIDDLE /V = FRONT END /O = RANDOM SAMPLING

RM (T) A50(T)
 MPA
 145
 185

MIN
MAX

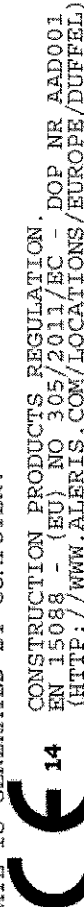
180 172 3

001 /A

UNLESS OTHERWISE MENTIONED, FOLLOWING STANDARDS ARE APPLICABLE :

CHEMICAL COMPOSITION : EN 573-3 / EN 485-3 (HOT) / EN 485-4 (COLD) / T4-T6
 TOLERANCES ON DIMENSIONS AND FORM : EN 485-3 (HOT) / EN 485-4 (COLD) / T4-T6
 HARDNESS BRINELL : EN ISO 6506-1 / EN 485-2 ; EN 683-2 (FINSTOCK)
 MECHANICAL PROPERTIES : EN 485-2 ; EN 683-2 (FINSTOCK)
 TENSILE TESTING : ISO 6892-1 ; DIN 29850

THE DELIVERY IS IN ACCORDANCE WITH THE ORDER
THIS CERTIFICATE IS GENERATED BY COMPUTER.





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HEAD OF LABORATORY,
XAVIER SCHELTJENS