



Aleris Aluminium Duffel BVBA
 A. Stocletlaan 87
 2570 Duffel - Belgium
 www.aleris.com

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 F +32(0)15 30 27 94

CERTIFICATE EN 10204-3.1

YOUR ORDER NUMBER : PO52044
 OUR ORDER NUMBER : 19421/01
 DOCUMENT NUMBER : V/0080563147

CUSTOMER : BE GROUP OY AB
 HELSINGINTIE 50
 FIN-15101 LAHTI

DIMENSIONS : 3000 X 1500 X 5MM
 ARTICLE NO.: 4100301150
 DESCRIPTION: ALU SHEETS EN 5754 H22

ORIGIN OF GOODS : EUROPEAN UNION (BELGIUM)

CHEMICAL COMPOSITION (WEIGHT %)

COIL NUMBER	CAST NUMBER	SI	FE	CU	MN	MG	CR	TI	ZN
001	9671101	MIN 0,40 MAX	0,40	0,10	0,50	2,6 3,6	0,30	0,15	0,20
		0,28	0,39	0,06	0,45	2,7	0,03	0,02	0,06
OTHERS :		CR + MN :		MIN -		MAX			
EACH :				MIN		0,05		MAX	
TOTAL :				MIN		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

TEST-NUMBER	RM (T)	MPA	220	270	RF02 (T)	MPA	130	A50 (T)	%	11
001	/M	255	200	14						

UNLESS OTHERWISE MENTIONED, FOLLOWING STANDARDS ARE APPLICABLE :

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

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

DATE SOLUTION HEAT TREATMENT COIL NUMBER



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HEAD OF LABORATORY,
XAVIER SCHELTJENS

A handwritten signature in black ink, appearing to read "X. Scheltjens", written over a horizontal line.