



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

T +32(0)15 30 21 11  
 F +32(0)15 30 27 94

CERTIFICATE EN 10204-3.1

YOUR ORDER NUMBER : P049906  
 OUR ORDER NUMBER : 14575/02  
 DOCUMENT NUMBER : V/0080554710

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

DIMENSIONS : 3000 X 1500 X 2MM  
 ARTICLE NO. : 4100301066  
 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	0031987	0,40 MAX	0,40	0,10	0,50	2,6 3,6	0,30	0,15	0,20
		0,19	0,36	0,04	0,29	3,3	0,05	0,02	0,04

OTHERS : CR + MN : 0,10 MIN - 0,6 MAX  
 EACH : 0,05 MAX  
 TOTAL : 0,15 MAX

MECHANICAL PROPERTIES

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

TEST-NUMBER	MIN	MAX	RP02 (T) MPA	A50 (T) %
001	220	270	130	10
	242	149	23	

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  
 001 : WEEK 10 / YEAR 2017



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HEAD OF LABORATORY,  
XAVIER SCHELTJENS