

DOC : V/0080494111 DATE : 2015-07-08 PROD. REF. : 0000365362/004 NRBST : 68148/01 PAGE : 1 / 2



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INSPECTION CERTIFICATE EN 10204-3.1

YOUR ORDER NUMBER : 4500788633 CUSTOMER : TIBNOR OY
 OUR ORDER NUMBER : 58148/01 ASPONKATU 12
 DOCUMENT NUMBER : V/0080494111 FIN-04400 J0RVENP00
 DIMENSIONS : 2500 X 1250 X 3MM
 ARTICLE NO. :
 DESCRIPTION: ALU SHEETS EN 5005 H14 ANOD NAT 15MU + PE ORIGIN OF GOODS : EUROPEAN UNION (BELGIUM)

COIL NUMBER	CAST NUMBER	CHEMICAL COMPOSITION (WEIGHT %)							
		SI	FE	CU	MN	MG	CR	ZN	
001	2549501	MIN	0,30	0,7	0,20	0,20	0,50	0,10	0,25
		MAX					1,1		
			0,15	0,3	0,01	0,02	0,80	0,00	0,01
OTHERS :		EACH	:	MIN	:	0,05	MAX		
		TOTAL	:	MIN	:	0,15	MAX		

TEST-NUMBER	RM (T)	MECHANICAL PROPERTIES			
		RPO2 (T)	A50 (T)	%	
001	/A	MIN	166	161	6
		MAX	185		

UNLESS OTHERWISE MENTIONED, FOLLOWING STANDARDS ARE APPLICABLE :

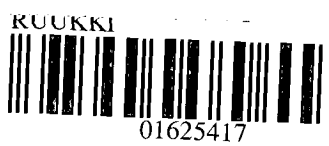
CHEMICAL COMPOSITION : EN 573-3 / MECHANICAL PROPERTIES : EN 485-2 ; EN 683-2 (FINSTOCK)
 TOLERANCES ON DIMENSIONS AND FORM : EN 485-3 (HOT) ; EN 485-4 (COLD) / TENSILE TESTING : ISO 6892-1
 HARDNESS BRINELL : EN ISO 6506-1 / T4-T6 : DIN 29850

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



CONSTRUCTION PRODUCTS REGULATION.
 EN 15088 - (EU) NO 305/2011/EC - DOP NR AAD001
 (HTTP://WWW.ALERIS.COM/LOCATIONS/EUROPE/DUFFEL)

DATE SOLUTION HEAT TREATMENT COIL NUMBER



DOC : V/0080494105 DATE : 2015-07-08 PROD. REF. : 0000365362/001 NRBST : 63815/01 PAGE : 1 / 2



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INSPECTION CERTIFICATE EN 10204-3.1

YOUR ORDER NUMBER : 4500788633
 OUR ORDER NUMBER : 63815/01
 DOCUMENT NUMBER : V/0080494105

CUSTOMER : TIBNOR OY

ASPONKATU 12
 FIN-04400 J0RVENP000

DIMENSIONS : 2500 X 1250 X 1MM
 ARTICLE NO.:
 DESCRIPTION: ALU SHEETS EN 5005 H14 AQ-55HX-PE

ORIGIN OF GOODS : EUROPEAN UNION (BELGIUM)

COIL NUMBER	CAST NUMBER	CHEMICAL COMPOSITION (WEIGHT %)							
		SI	FE	CU	MN	MG	CR	ZN	
001	2521201	MIN	0,30	0,7	0,20	0,20	0,50	0,10	0,25
		MAX					1,1		
		MIN	0,14	0,4	0,01	0,02	0,83	0,01	0,01
		OTHERS :	EACH :		MIN		0,05 MAX		
			TOTAL :		MIN		0,15 MAX		

TEST-NUMBER		MECHANICAL PROPERTIES			
		RM (T)	RP02 (T)	A50 (T)	
		MIN	145	120	2
		MAX	185		
001	/M	MIN	172	166	3
		MAX			

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
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DATE SOLUTION HEAT TREATMENT COIL NUMBER
 001 : WEEK 09 / YEAR 2015