

COMMANDE CLIENT - Customer Order - Uudenbestellung		NUMERO-Number-Nummer : 851445	DESTINATAIRE - Consignee - Empfänger		Cde CONSTELLIUM	OF
4500997070 TIBNOR		TIBNOR Tibnor, Service Center ASPOKATU 2 04400 JARVENPAA FINLANDE		428532/03	AVIS D'EXPEDITION - Dispatch Note - Lieferschein	
				0081466829		

TOLE GRAIN DE RIZ EN.AW.5754 H244
EN.1386.ED.11.07---DIM: LONG:
3000/ LARG: 1500/ EP: 3/ HM: 0,5
EMB: SANS PROTEC.INT PDS COLIS:
1600 KG BRUT---CERT: EN10204.3.1

Poids : 4570 KG

item 30

118 UNITES

CAISSE Case Kiste	ORDRE DE FABRICATION Manufacturing order Fertigungsauftrag	PRODUIT Product Produckt	PLATEAU Slab Walztafel	ETAT Temper Zustand	SENS Direction Richtung	ESSAIS DE TRACTION Tensile Tests Zugversuche			AUTRES ESSAIS Other tests Andere Proben		
						Rm Tensile Strength MPA	R 0,2 Yield Strength MPA	A % Elongation %			
419465	433338/001	23 SHEETS	14900786/05	H244	LT	253	209	13			
419743	436060/001	37 SHEETS	14990520/03	H244	LT	262	213	14			
419744	436060/001	37 SHEETS	14990520/03	H244	LT	262	213	14			
419745	436060/001	21 SHEETS	14990520/03	H244	LT	262	213	14			

COULEE - Castings Schmelze		COMPOSITION CHIMIQUE - Chemical Composition - Zusammensetzung																
Mini	Maxi	Si	Fe	Cu	Mn	Mg 2,6 3,6	Cr	Ni	Zn	Ti	Zr	Mn+Cr 0,10 0,60						
14900786	14990520	0,14	0,23	38*	0,24	2,8	0,01	47*	40*	0,03	<1*	0,25						
		0,06	0,13	86*	0,25	2,9	31*	42*	60*	0,03	<1*	0,25						

Others: Each: 0,05 % maxi, Total: 0,15 % maxi, Aluminium: Remainder * ppm

The Batch is displayed in the "slab" column
 Approved Airbus supplier ARP ID 187480/GRAMS
 NADCAP accreditations : AC7102, /2, /5, /8,
 AC7101/1, /2, /3, /4, AC7114, /3
 Rounding rules applied are according to 6.4.1 /
 6.4.2 of ASTM E29 standard
 These products are complying with Reach regulation
 For MSDS see www.constellium.com
 section sustainability/aluminium-products
 Bending tests in compliance with the requirement



ISO 9001:2008
 EN 9100:2009
 AS9100C - JISQ 9100:2009

We certify that subject to the exceptions and engineering departures above mentioned the present supply has been manufactured to the technical specifications of customer contract, order or sub-order, and that after completion of all inspections and tests, it complies in EVERY ASPECT with the particular specifications which are there attached with the drawings and all the relative standards and regulations in force. This Certificate shall not be reproduced except in full and without the written approval of the laboratory. This document is electronically signed

Par délégation du responsable qualité **26/02/18**
 By delegation of the Quality Manager
 i.A des Qualitätsmanagers **C.Virat**



OBSERVATIONS DE LA SURVEILLANCE / Remarks of official inspector