



ThyssenKrupp VDM GmbH
A subsidiary of ThyssenKrupp Steel AG

MATERIAL TEST REPORT
EN 10204 3.1
Nr.: 2019/000512

Customer Order
P.O. # 071716-B REV 02 03
22/03/2010

DATE
Sep 23, 2010

SPECIFICATION
ASTM B295-09 G-2
PRODUCT
TITANIUM COIL
DIMENSIONS mm
240 x 1200
WEIGHT (kg)
1315
STATE OF DELIVERY
1
Annealed and pickled

M.I.E. (Material Identification Number)		CHEMICAL COMPOSITION (%)									
614419-01		REACT No.	O	Fe	C	N	H	RESIDUALS (%)			
		162301						EACH	TOTAL	TI (%)	
		TOP	0.183	0.029	0.004	0.007	0.003	<0.07	<0.25	BALANCE	
		BOTTOM	0.121	0.031	0.004	0.007	0.003	<0.07	<0.25	BALANCE	
		ON THE FINAL PRODUCT					0.0018				

MECHANICAL PROPERTIES									
Required values	Ys 0.2% (Phenmet)	Ts (Phenmet)	Elong (mm)	Hard test	MATERIAL DIMENSION AND CONDITION WAS SUBMITTED TO AND ACCEPTED BY THE CUSTOMER IN ALL EDGES				
Sampling	Direction				Notes				
T	305	440	2.28	100% AX					
T	287	458	28	Good					
C									
L									
L									

Sampling: T= Top, C= Bottom
Direction: L= Longitudinal, T= Transversal

R. Clemm
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