



ThyssenKrupp VDM GmbH
 A Company of ThyssenKrupp Steel AG

SPECIFICATION
 ASTM B360-08 of 2
PRODUCT
 TITANIUM COIL

PERCEPS (mm) **DIMENSIONS (mm)**
 1 0.70 x 1220

STATE OF DELIVERY
 Heat treated in inert gas

WEIGHT (Kg)
 970

MATERIAL TEST REPORT
 EN 10204 3.1
 N.: 2010/M005417

Customer Order
 P.O.# 0712040 REV 02 dd
 Z2082019

CUSTOMER:
 ERLANGER LLC
 46, State Street, 3rd Floor
 Albany, NY 12207
 USA

DATE
 Sep 29, 2010

Roll (Serial Identification Number)
 952118-2

HEAT No	CHEMICAL COMPOSITION (%)								RESIDUALS (%)	
	O	Fe	C	N	H	Each	Total	Ti (%)		
152832	0.25	0.22	0.02	0.02	0.01					
TOP	0.144	0.052	0.006	0.005	0.002			<0.07	<0.25	
BOTTOM	0.153	0.055	0.007	0.007	0.003			<0.07	<0.25	
ON THE FINAL PRODUCT					0.0045					

MECHANICAL PROPERTIES				Notes	
Required values	Y=0.2% [Minima] [N/mm ²]	Ts [N/mm ²]	E% (min)	Hard test	MATERIAL DIMENSION AND CONDITION WAS SUBMITTED TO AND ACCEPTED BY THE CUSTOMER MILL EDGES
275-450	> 335		2-28	188 HR	
Sampling	Direction	386	502	Good	
T	T	323	490	26	
C	L	379	494	29	
C	L	335	513	28	

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

R. Chermant
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