



TERNIUM MEXICO, S.A. DE C.V.
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Fecha de Emisión/ Date of issue No./ Document number
 (DMA) 28/08/2008 510419



510419

Código cliente/ Customer ID
501269

Pedido No./ Sales order
99918

Orden de compra/ Purchase order
4931

Cliente/ Customer
 PLESA CIA
 AV. VALLE DE LAS ALAMEDAS # 66-OCOL. SAN FRANCISCO CHILPAN
 TULTITLAN,MX,MEX 54940

Remisión/ Delivery
510419

Medio de Transporte/ Means of transportation
Triple eje con susp.

Descripción de mercaderías/ Goods description
ROLLO FRIO RECOCIDO

Datos Generales / General Data

No. Rollo/Coil id.		1214207AE	1214207AF	1214208AF	
Colada/Heat		0822818	0822818	0822818	
Recubrimiento/Coating		N/A	N/A	N/A	
Peso/Weight kg		9430	9490	9690	
Peso/Weight lb		20816.78	20949.23	21390.73	
Espesor/Thickness mm / in		0.1205	0.1205	0.1205	
Ancho Width	in	LI/LL	47.68	47.68	47.68
		LS/UL	48.78	48.78	48.78
		Real/Actual	48.15	48.15	48.11
	mm	LI/LL	1211	1211	1211
		LS/UL	1239	1239	1239
		Real/Actual	1223	1223	1222
Largo Length	m	LI/LL	N/A	N/A	N/A
		LS/UL	N/A	N/A	N/A
		Real/Actual	0	0	0
	ft	LI/LL	N/A	N/A	N/A
		LS/UL	N/A	N/A	N/A
		Real/Actual	0	0	0
Capa Thickness		oz/ft2	N/A	N/A	N/A
		g/m2	N/A	N/A	N/A
TS/ST (1)		N/A	N/A	N/A	
No. Parte/Part		N/A	N/A	N/A	
Descripción/Description		N/A	N/A	N/A	
Norma de Calidad/Quality Norm		SAE J403	SAE J403	SAE J403	
Grado/Grade		1008	1008	1008	

1. TS: Tratamiento superficial, Aceitado, Sellado / ST: Superficial treatment, Oiled, Stenciled, etc
 4. RB: Rockwell B

2. LE: Limite elástico / YP: Yield Point
 5. LI/LL Limite Inferior / Lower Limit

3. RT: Resistencia a la tensión / TS: Tensile Strength
 6. LS/UL Limite Superior / Upper Limit

Observaciones / Comments

C.I. / ID #

Certificamos que el material aqui descrito ha sido inspeccionado y ensayado por personal autorizado independiente del área de manufactura con resultados satisfactorios en concordancia con la norma arriba descrita.
 We here certify that the material described in here has been tested and inspected by authorized personal independent from the manufacturing department with satisfactory results in accordance with requirements of the above specification

Firma / Signature

Ing. Antonio Mani
Ternium Labs



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Calidad del Acero / Steel Quality

No. Rollo/Coil id.	1214207AE	1214207AF	1214208AF
Colada/Heat	0822818	0822818	0822818
C	0.0560	0.0560	0.0560
Mn	0.1819	0.1819	0.1819
S	0.0120	0.0120	0.0120
P	0.0111	0.0111	0.0111
Si	0.0077	0.0077	0.0077
Al	0.0483	0.0483	0.0483
Cr	0.0105	0.0105	0.0105
Cu	0.0064	0.0064	0.0064
Ni	0.0055	0.0055	0.0055
Sb	0.0008	0.0008	0.0008
Mo	0.0007	0.0007	0.0007
Sn	0.0014	0.0014	0.0014
N	0.0025	0.0025	0.0025
Cb	0.0004	0.0004	0.0004
V	0.0013	0.0013	0.0013
Ca	0.0002	0.0002	0.0002
Ti	0.0001	0.0001	0.0001

Análisis Químico
Chemical Analysis
(LI/LL – Real – LS/UL)
%

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