



TERNIUM MEXICO, S.A. DE C.V.

R.F.C. TME-840710-TR4

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www.ternium.com

Fecha de Emisión/ Date of issue
(DMA) 16/10/2008

No./ Document number
526341



526341

Código cliente/ Customer ID
501269

Pedido No./ Sales order
100876

Orden de compra/ Purchase order
5128

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

Remisión/ Delivery
526341

Medio de Transporte/ Means of transportation
Cam/plat./s.neu./2ej

Descripción de mercaderías/ Goods description
ROLLO FRIO RECOCIDO

Datos Generales / General Data

| No. Rollo/Coil id. | | 1225562AH | 1225562AI | |
|-------------------------------|----|-------------|-----------|-------|
| Colada/Heat | | 813146 | 813146 | |
| Recubrimiento/Coating | | N/A | N/A | |
| Peso/Weight kg | | 8485 | 8880 | |
| Peso/Weight lb | | 18730.68 | 19602.65 | |
| Espesor/Thickness mm / in | | 0.0245 | 0.0245 | |
| Ancho Width | in | LI/LL | 47.68 | 47.68 |
| | | LS/UL | 48.78 | 48.78 |
| | | Real/Actual | 48.15 | 48.15 |
| | mm | LI/LL | 1211 | 1211 |
| | | LS/UL | 1239 | 1239 |
| | | Real/Actual | 1223 | 1223 |
| Largo Length | m | LI/LL | N/A | N/A |
| | | LS/UL | N/A | N/A |
| | | Real/Actual | 0 | 0 |
| | ft | LI/LL | N/A | N/A |
| | | LS/UL | N/A | N/A |
| | | Real/Actual | 0 | 0 |
| Capa Thickness | | oz/ft2 | N/A | N/A |
| | | g/m2 | N/A | N/A |
| TS/ST (1) | | N/A | N/A | |
| No. Parte/Part | | N/A | N/A | |
| Descripción/Description | | N/A | N/A | |
| Norma de Calidad/Quality Norm | | SAE J403 | SAE J403 | |
| Grado/Grade | | 1008 | 1008 | |

Calidad del Acero / Steel Quality

| No. Rollo/Coil id. | | 1225562AH | 1225562AI |
|------------------------------|-------------|-----------|-----------|
| Colada/Heat | | 813146 | 813146 |
| Dureza RB RB Hardness (4) | LI/LL | 0.00 | 0.00 |
| | LS/UL | 70.00 | 70.00 |
| | Real/Actual | 37.00 | 37.00 |

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

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

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

Observaciones / Comments

C.I. / ID #

Firma / Signature

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

Antonio Mani

Ing. Antonio Mani
Ternium Labs



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CERTIFICADO DE CALIDAD /
MILL TEST

CC

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Calidad del Acero / Steel Quality

| No. Rollo/Coil id. | 1225562AH | 1225562AI | |
|--|-----------|-----------|--------|
| Colada/Heat | 813146 | 813146 | |
| Análisis Químico Chemical Analysis (LI/LL - Real - LS/UL) % | C | 0.0550 | 0.0550 |
| | Mn | 0.1601 | 0.1601 |
| | S | 0.0049 | 0.0049 |
| | P | 0.0059 | 0.0059 |
| | Si | 0.0135 | 0.0135 |
| | Al | 0.0675 | 0.0675 |
| | Cu | 0.0046 | 0.0046 |
| | Cr | 0.0116 | 0.0116 |
| | Ti | 0.0002 | 0.0002 |
| | Ni | 0.0041 | 0.0041 |
| | Mo | 0.0005 | 0.0005 |
| | Sn | 0.0003 | 0.0003 |
| | N | 0.0028 | 0.0028 |
| | Cb | 0.0005 | 0.0005 |
| | V | 0.0010 | 0.0010 |
| | Ca | 0.0024 | 0.0024 |

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 4. RB: Rockwell B

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 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 #

Firma / Signature

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 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