



TERNIUM MEXICO, S.A. DE C.V.
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CERTIFICADO DE CALIDAD /
MILL TEST CERTIFICATE

Fecha de Emisión/ Date of issue
 (DMA) 09/03/2010

No./ Document number
 686699

686699

686699

Código cliente/ Customer ID
 1269

Pedido No./ Sales order
 125125

Orden de compra/ Purchase order
 OC 7671

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

Remisión/ Delivery
 686699

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

Descripción de mercaderías/ Goods description
 ROLLO FRIO RECOCIDO

Datos Generales / General Data

| No. Rollo/Coil id. | Colada/Heat | Recubrimiento/ Coating | Peso/Weight | | Espesor/ Thickness mm / in | Ancho/Width | | Largo/Length | | Capa/Thickness | |
|--------------------|-------------|------------------------|-------------|-------|----------------------------|-------------|-----|--------------|-----|----------------|------|
| | | | kg | lb | | in | mm | m | ft | oz/ft2 | g/m2 |
| 1371117AF | PA09K24092 | N/A | 7105 | 15684 | 3.4 / 0.1339 | 36.14 | 918 | N/A | N/A | N/A | N/A |
| 1371117AG | PA09K24092 | N/A | 6770 | 14945 | 3.4 / 0.1339 | 36.14 | 918 | N/A | N/A | N/A | N/A |

Datos Generales / General Data

| No. Rollo/Coil id. | Colada/Heat | TS/ST (1) | No. Parte/Part | Descripción/Description | Norma de Calidad/Quality Norm | Grado/Grade |
|--------------------|-------------|-----------|----------------|------------------------------|-------------------------------|-------------|
| 1371117AF | PA09K24092 | N/A | | ROLLO FRIO RECOCIDO SAE-1008 | SAE J403 | 1008 |
| 1371117AG | PA09K24092 | N/A | | ROLLO FRIO RECOCIDO SAE-1008 | SAE J403 | 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
 N/A

C.I. / ID #

Firma / Signature

Certificamos que el material aquí 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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| Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis) | | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----|----|---|-------|
| No. Rollo/Coil id. | Colada/Heat | C | Mn | P | S | Al | Si | Cu | Ni | Cr | Mo | V | Cb | Ti | B | N |
| 1371117AF | PA09K24092 | 0.070 | 0.200 | 0.009 | 0.016 | 0.055 | 0.013 | 0.033 | 0.019 | 0.041 | 0.003 | 0 | 0 | 0 | 0 | 0.004 |

| Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis) | | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----|----|---|-------|
| No. Rollo/Coil id. | Colada/Heat | C | Mn | P | S | Al | Si | Cu | Ni | Cr | Mo | V | Cb | Ti | B | N |
| 1371117AG | PA09K24092 | 0.070 | 0.200 | 0.009 | 0.016 | 0.055 | 0.013 | 0.033 | 0.019 | 0.041 | 0.003 | 0 | 0 | 0 | 0 | 0.004 |

Notas / Notes:

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N/A

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