



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

**Fecha de Emisión/ Date of issue
 (DMA) 25/02/2010**

**No./ Document number
 0707541986**

0707541986

0707541986

Código cliente/ Customer ID
 9058909

Pedido No./ Sales order
 0703115891

Orden de compra/ Purchase order
 7654

Cliente/ Customer
 PLESA ANAHUAC Y CIAS., S.A. DE
 VALLE DE LAS ALAMEDAS #66
 TULTITLAN; MEX.
 MX
 54940

Remisión/ Delivery
 0707541986

PLEASA ANAHUAC Y CIAS. S.A. DE C.V.
CONTROL DE CALIDAD
 FECHA 01 Mar 2010
 FIRMA E445 Enrique Ruiz

Medio de Transporte/ Means of transportation
 N/A

Descripción de mercaderías/ Goods description
 0.075" HYL-PER A A 4 X 2" 6.10Mts NAC

FECHA 01 Mar 2010
 E445
 FIRMA Enrique Ruiz

| Datos Generales / General Data | | | | | | | | | | |
|--------------------------------|---------------------------|-------------|-------|----------------------------------|-------------|------|--------------|---------|----------------|------|
| 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 |
| 25941 | N/A | 6042.684 | 13322 | 0.075in / 1.91mm | 0.00 | 0.00 | 1317.60 | 4320.00 | N/A | N/A |

| Datos Generales / General Data | | | | | |
|--------------------------------|---------------|----------------|--|-------------------------------|-------------|
| Colada/Heat | TS/ST (1) | No. Parte/Part | Descripción/ Description | Norma de Calidad/Quality Norm | Grado/Grade |
| 25941 | Aceitado Liso | 880434 | 0.075" HYL- PER A A 4 X 2" 6.10Mts NAC | TER-A500 | GA |

1. TS: Tratamiento superficial, Aceitado, Sellado / ST: Superficial treatment, Oiled, Stenciled, etc
 2. LE: Límite elástico / YP: Yield Point
 3. RT: Resistencia a la tensión / TS: Tensile Strenght
 4. RB: Rockwell B
 5. LI/LL Límite Inferior / Lower Limit
 6. LS/UL Límite Superior / Upper Limit

Observaciones / Comments

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 (Propiedades Mécanicas Longitudinales) | | | | | |
|--|-------------|------|--------------------------------|-----------|------|
| Colada/Heat | LE / YP (2) | | % Elongación / Elongation % | RT/TS (3) | |
| | Mpa | KSI | | Mpa | KSI |
| 25941 | 421 | 61.0 | 25 | 510 | 74.0 |

| Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis) | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Colada/Heat | C | Mn | P | S | Al | Si | Cu | Ni | Cr |
| 25941 | 0.060 | 0.820 | 0.008 | 0.004 | 0.034 | 0.040 | 0.070 | 0.020 | 0.010 |

| Calidad de Tubería / Piping Quality | | | | | | | |
|-------------------------------------|-----------------|------------------------|-----------------------|-----------------|-----------------|-------------------------------------|---------------|
| Colada/Heat | Piezas / Pieces | Dimensiones/Dimensions | | | | Norma de Calidad/Quality Norm | Grado / Grade |
| | | Largo/Length m / ft | Diam/Dim 1 mm / in | Dim2 mm / in | Dim3 mm / in | | |
| 25941 | 216 | 6.1 / 20 | 101.6 / 4in | 50.8 / 2in | N/A | TER-A500 | GA |

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| | |
|---|---|
| Observaciones / Comments 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 | C.I. / ID # Firma / Signature Ing. Antonio Mani Ternium Labs |
|---|---|