



**TERNIUM MEXICO, S.A. DE C.V.**  
**R.F.C. TME-840710-TR4**

Av. Universidad No. 992, Colonia Cuauhtémoc, San Nicolás de los Garza, N.L., Código Postal 66450  
 Teléfonos: +52(81)8329-8500  
 www.ternium.com

**CERTIFICADO DE CALIDAD /**  
**MILL TEST CERTIFICATE**

**Fecha de Emisión / Date of Issue**  
 (DMA) 21/01/2011

**No./ Document number**  
 0627301924



0627301924

**Código cliente/ Customer ID**  
 232500

**Pedido No./ Sales order**  
 0603388926

**Orden de compra/ Purchase order**  
 db

**Cliente/ Customer**  
 PLASA ANAHUAC Y CIAS. S.A. DE C.V.  
 AV. VALLE DE LAS ALAMEDAS 66 SN. FCO.  
 TULTITLAN, EDO. DE MEXICO  
 99999

**Remisión/ Delivery**  
 0627301924

**Medio de Transporte/ Means of transportation**  
 Ferrocarril

**Descripción de mercaderías/ Goods description**  
 RFR

| 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 |
| 167234-010                     | 15267       | N/A                   | 9045        | 19941 | 0.62 / 0.0243             | 48.11       | 1221.99 | 0            | N/A | N/A            | N/A  |
| 167458-000                     | 26960       | N/A                   | 9875        | 21770 | 0.62 / 0.0242             | 48.11       | 1221.99 | 0            | N/A | N/A            | N/A  |
| 167458-010                     | 26960       | N/A                   | 9890        | 21803 | 0.62 / 0.0243             | 48.11       | 1221.99 | 0            | 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 |
| 167234-010                     | 15267       | N/A       | N/A            | N/A                     | SAE1008                       | N/A         |
| 167458-000                     | 26960       | N/A       | N/A            | N/A                     | SAE1008                       | N/A         |
| 167458-010                     | 26960       | N/A       | N/A            | N/A                     | SAE1008                       | N/A         |

1. TS: Tratamiento superficial, Aceitado, Sellado / ST: Superficial treatment, Oiled, Stenciled, etc  
 4. HRBW: Rockwell B Indentador de WC

2. LE: Límite elástico / YP: Yield Point  
 5. L/LL Límite Inferior / Lower Limit

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

**Observaciones / Comments**  
 N/A

**C.I. / ID #**

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.  
 Propiedades Mecánicas bajo las normas ASTM E8, E18, E517, E646, EN-10002, según requerimiento y peso de capa bajo ASTM A90  
 Análisis Químico bajo la norma ASTM E 415 / 1019  
 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  
 Mechanical Properties as ASTM E8, E18, E517, E646, EN-10002, as required and coating weight with ASTM A90  
 Chemical Analysis as ASTM E 415 / 1019

**Firma / Signature**

Ing. Antonio Mani  
 Ternium Labs



0627301924

| Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis) |             |       |       |    |       |       |       |    |       |       |       |       |       |   |
|--|-------------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|-------|-------|---|
| No. Rollo/Coil id.   | Colada/Heat | Al    | C     | Cb | Cr    | Cu    | Mn    | Mo | Ni    | P     | S     | Si    | Ti    | V |
| 167234-010   | 15267       | 0.034 | 0.050 | 0  | 0.010 | 0.020 | 0.180 | 0  | 0.010 | 0.007 | 0.006 | 0.020 | 0.001 | 0 |

| Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis) |             |       |       |    |       |       |       |    |    |       |       |       |       |   |
|--|-------------|-------|-------|----|-------|-------|-------|----|----|-------|-------|-------|-------|---|
| No. Rollo/Coil id.   | Colada/Heat | Al    | C     | Cb | Cr    | Cu    | Mn    | Mo | Ni | P     | S     | Si    | Ti    | V |
| 167458-000   | 26960       | 0.032 | 0.040 | 0  | 0.010 | 0.010 | 0.180 | 0  | 0  | 0.006 | 0.003 | 0.010 | 0.001 | 0 |

| Calidad del Acero / Steel Quality (Análisis Químico/Chemical Analysis) |             |       |       |    |       |       |       |    |    |       |       |       |       |   |
|--|-------------|-------|-------|----|-------|-------|-------|----|----|-------|-------|-------|-------|---|
| No. Rollo/Coil id.   | Colada/Heat | Al    | C     | Cb | Cr    | Cu    | Mn    | Mo | Ni | P     | S     | Si    | Ti    | V |
| 167458-010   | 26960       | 0.032 | 0.040 | 0  | 0.010 | 0.010 | 0.180 | 0  | 0  | 0.006 | 0.003 | 0.010 | 0.001 | 0 |

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Observaciones / Comments

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