



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

Fecha de Emisión/ Date of issue
 (DMA) 28/10/2009

No./ Document number
 641772

641772

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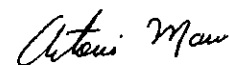
| | | |
|--|---|--|
| Código cliente/ Customer ID 1269 | Pedido No./ Sales order 119461 | Orden de compra/ Purchase order Inv - DBlanco 28.10.2009 |
| Cliente/ Customer PLESA CIA AV. VALLE DE LAS ALAMEDAS # 66-O COL. SAN FRANCISCO CHILPAN TULTITLAN MX 54940 | Remisión/ Delivery 641772 Medio de Transporte/ Means of transportation Triple eje con susp. de a | |

Descripción de mercaderías/ Goods description
 ROLLO FRIO TENSIONIVELADO

| 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 |
| 1335402AH | BB9A0155 | N/A | 8825 | 19481 | 0.6 / 0.0236 | 36.14 | 918 | N/A | N/A | N/A | N/A |
| 1335403AH | BB9C0100 | N/A | 8640 | 19073 | 0.6 / 0.0236 | 36.18 | 919 | N/A | N/A | N/A | N/A |
| 1335405AH | BB9A0155 | N/A | 8825 | 19481 | 0.6 / 0.0236 | 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 |
| 1335402AH | BB9A0155 | N/A | | ROLLO FRIO TENSIONIVELADOSAE-1008 | SAE J403 | 1008 |
| 1335403AH | BB9C0100 | N/A | | ROLLO FRIO TENSIONIVELADOSAE-1008 | SAE J403 | 1008 |
| 1335405AH | BB9A0155 | N/A | | ROLLO FRIO TENSIONIVELADOSAE-1008 | SAE J403 | 1008 |

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

| | |
|--|--|
| Observaciones / Comments N/A | 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 (Análisis Químico/Chemical Analysis) | | | | | | | | | | | | | | | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|-------|
| No. Rollo/Coil id. | Colada/Heat | C | Mn | P | S | Al | Si | Cu | Ni | Cr | Mo | Cb | Ti | B | N |
| 1335402AH | BB9A0155 | 0.046 | 0.286 | 0.013 | 0.015 | 0.033 | 0.007 | 0.006 | 0.003 | 0.007 | 0.001 | 0.002 | 0.002 | 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 | Cb | Ti | B | N |
| 1335403AH | BB9C0100 | 0.047 | 0.287 | 0.013 | 0.010 | 0.047 | 0.007 | 0.005 | 0.002 | 0.008 | 0.001 | 0.003 | 0.002 | 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 | Cb | Ti | B | N |
| 1335405AH | BB9A0155 | 0.046 | 0.286 | 0.013 | 0.015 | 0.033 | 0.007 | 0.006 | 0.003 | 0.007 | 0.001 | 0.002 | 0.002 | 0 | 0.004 |

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Observaciones / Comments

N/A

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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

Ing. Antonio Mani
 Ternium Labs