



**Hylsa, S.A. de C.V.**  
 Guerrero Nte. No.151 Col.Cuahtémoc  
 San Nicolás de los Garza, N.L. México  
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**CERTIFICADO OFICIAL**  
**MILL TEST CERTIFICATE**




|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
|---|--|--|-----------------|-------------|--|-----------------------|--|----------------------|------------------|---------------------------|-----------------------------|-------------------|--|
| Cliente/Customer<br>Dirección/Address         |  | PLASA ANAHUAC Y CIAS. S.A. DE C.V.<br>AV. VALLE DE LAS ALAMEDAS 66 SN. FCO.<br>TULTITLAN, EDO. DE MEXICO |                 |             |  | No. Cert: 182392      |  | Pág./ Page: 1        |                  | De/Of: 1                  |                             |                   |  |
| Número/Code                                   |  |  | Pedido/Contract |             |  | Pedido/<br>Mill Order |  | Fecha/Date           |                  |                           | Remisión/<br>Delivery Order |                   |  |
| 0232500                                       |  |  | O.C. 02391      |             |  | 240729                |  | 11- JAN -2007        |                  |                           | 11- JAN -2007               |                   |  |
| Part/<br>Item                                 |  | Espesor/Thickness  |                 | Ancho/Width |  | Largo/Length          |  | Producto/<br>Product | Acab./<br>Finish | Norma Calidad/<br>Quality |                             | Recubrim./Coating |  |
|   |  | mm in  |                 | mm in       |  | mm in                 |  |                      |                  |                           |                             | A B               |  |
| 01  |  | 1.21 0.0478  |                 | 914 36.000  |  | 0 0.000               |  | RFR                  | MI               | SAE1008                   |                             |                   |  |
| Secuencia / Coil Number                       |  |  |                 | 766356-000  |  |                       |  |                      |                  |                           |                             |                   |  |
| Partida / Item                                |  |  |                 | 01          |  |                       |  |                      |                  |                           |                             |                   |  |
| Colada / Heat                                 |  |  |                 | 90963       |  |                       |  |                      |                  |                           |                             |                   |  |
| Colada/Heat                                   |  |  |                 | 90963       |  |                       |  |                      |                  |                           |                             |                   |  |
| % Análisis<br>Químico<br>LI-LS <i>Real</i>    |  | C  |                 | 0.050       |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  | Mn   |                 | 0.390       |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  | P  |                 | 0.016       |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  | S  |                 | 0.005       |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  | Al   |                 | 0.044       |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
| % Chemical<br>Analysis<br>LL-UL <i>Actual</i> |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |
|   |  |  |                 |             |  |                       |  |                      |                  |                           |                             |                   |  |

Fecha: 03-Jul-1995  
 REVISION NO.6 CVE F-E-CP-10-03-05  
 EFECTIVO A PARTIR DE: NOVIEMBRE 2005

(+) Secuencia Compañera/Partner Coil  
 (LL-UL) Lower Limit - Upper Limit  
 (LI-LS) Límite Inferior - Límite Superior  
 (EC/YS) Esfuerzo Cedencia/Yield Strength  
 (EM/TS) Esfuerzo Máximo/Tensile Strength  
 (% EU/ UE, %) Elongación Uniforme/ Uniform Elongation

ING. ANTONIO MANÍ MEDRANO

*Antonio Maní*

LABORATORIOS TERNIUM HYLSA  
 TERNIUM HYLSA LABS

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