

SIDERTUL, S.A. DE C.V.  
 CALLE 3 S/N, COL. INDEPENDENCIA  
 TULTITLAN, EDO., DE MEXICO, C.P. 54900

No. CERTIFICADO  
**0000023714**

|   |                       |                            |
|---|-----------------------|----------------------------|
| CLIENTE<br><b>PLESA ANAHUAC Y CIAS SA DE CV</b> | GRADO<br><b>GR 42</b> | PRODUCTO<br><b>Varilla</b> |
|---|-----------------------|----------------------------|

|                            |                                       |  |  |
|----------------------------|---------------------------------------|--|--|
| FACTURA<br><b>91641656</b> | N° PEDIDO DEL CLIENTE<br><b>18229</b> | PEDIDO DEL CLIENTE<br><b>928903/000010</b> | ESPECIFICACIÓN<br><b>NMX-C-407-ONNCCE-2001</b> |
|----------------------------|---------------------------------------|--|--|

| CALIBRE | LOTE       | PESO<br>(Kg) | C      | Mn   | S     | P     | Dobl. | E.F.<br>MPa | R.T.<br>MPa | Alarg |  |  |  |  |  |  |
|---------|------------|--------------|--------|------|-------|-------|-------|-------------|-------------|-------|--|--|--|--|--|--|
| 3/8     | 1022140203 | 1,984        | 0.2300 | 0.98 | 0.057 | 0.021 | OK    | 448         | 701         | 18.00 |  |  |  |  |  |  |
| 3/8     | 1022140303 | 2,086        | 0.4100 | 1.03 | 0.050 | 0.019 | OK    | 467         | 739         | 17.00 |  |  |  |  |  |  |
| 3/8     | 1022145302 | 12,126       | 0.4000 | 0.85 | 0.033 | 0.014 | OK    | 467         | 697         | 16.00 |  |  |  |  |  |  |
| 3/8     | 1022145603 | 6,176        | 0.4000 | 0.85 | 0.036 | 0.016 | OK    | 445         | 665         | 17.50 |  |  |  |  |  |  |
| 3/8     | 1022145903 | 4,010        | 0.4100 | 0.85 | 0.033 | 0.013 | OK    | 459         | 675         | 18.50 |  |  |  |  |  |  |
| 3/8     | 1022147902 | 6,078        |        |      |       |       | OK    | 449         | 673         | 17.00 |  |  |  |  |  |  |

**PROPIEDADES MECÁNICAS**


Alarg - Alargamiento  
 Dobl. - Ensayos de Doblado  
 E.F. - Esfuerzo de Fluencia Mpa  
 R.T. - Resistencia a la Tension Mpa

**OBSERVACIONES**

El presente certificado garantiza que el material cumple los requisitos definidos en las normas NMX-C-407-ONNCCE-2001 y NMX-B-506-CANACERO-2011.

**RESPONSABLE DE CALIDAD**

TULTITLAN, 08.05.2014



SALVADOR ISAAC MEDINA RABADAN