



**Aceria Ramos Arizpe**  
 Carretera a Monclova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente  
 C.P./ZIP 25900 RAMOS ARIZPE, COAHUILA  
 Tel/Phone (+52) 01 818 368 1111  
 customerlia@deacero.com  
 MX 800 831 5700, USA 1800 332 2376.

**EXCELENCIA EN CALIDAD**

**/ CERTIFICATE OF TEST AND ANALYSIS**

|                                   |                      |
|-----------------------------------|----------------------|
| No. Certificado / Certificate No: | 8413 - 25531440 - 22 |
| Fecha / Date:                     | 06/01/2025           |

Hecho en México / Made in Mexico

| DATOS DEL CLIENTE / SOLD TO |                              | CLIENTE CONSIGNADO / SHIP TO |                   | DATOS DEL EMBARQUE / SHIPPING INFORMATION |            |
|-----------------------------|------------------------------|------------------------------|-------------------|---|------------|
| Cliente / Customer:         | SUPERIOR SUPPLY AND STEEL    | Cliente / Customer:          | BEAUMONT          | Núm. Viaje / Travel No.:                  | 8413       |
| Dirección / Address:        | 318 NORTH CITIES SERVICE HWY | Dirección / Address:         | 4855 FANNETT ROAD | Núm. Factura / Invoice No.:               | UK10025    |
| Ciudad / City:              | SULPHUR                      | Ciudad / City:               | BEAUMONT          | Pedido / Customer Order No.:              | 25531440   |
| Teléfono / Phone:           | 337 625 2330                 | Estado / State:              | TX                | Núm. Plan / Shipping Plan:                | 8534       |
| Correo Electrónico / eMail: | clabaube@supstl.com          |                              |                   | Fecha Embarque / Date:                    | 06/01/2025 |
|                             |                              |                              |                   | Orden de Compra / Purchase Order:         | P0253058-1 |

**COMPOSICIÓN QUÍMICA / CHEMICAL COMPOSITION (% PESO / WEIGHT)**

| Colada / Heat | Secuencia / Sequence | Clave / Code | Producto / Description of Goods          | % C  | % Mn | % Si | % P   | % S   | % Cu | % Cr  | % Ni  | % Mo  | % Sn  | % Ti  | % V   | % Nb  | % N   | CE    |
|---------------|----------------------|--------------|--|------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 68908         | 33474                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 0.25 | 0.70 | 0.20 | 0.005 | 0.014 | 0.23 | 0.059 | 0.084 | 0.019 | 0.010 | 0.000 | 0.004 | 0.000 | 0.008 | 0.388 |
| 76472         | 85534                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 0.23 | 0.74 | 0.21 | 0.006 | 0.005 | 0.22 | 0.084 | 0.090 | 0.023 | 0.009 | 0.000 | 0.003 | 0.000 | 0.008 | 0.375 |
| 76472         | 85535                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 0.23 | 0.74 | 0.21 | 0.006 | 0.005 | 0.22 | 0.084 | 0.090 | 0.023 | 0.009 | 0.000 | 0.003 | 0.000 | 0.008 | 0.375 |
| 76472         | 85536                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 0.23 | 0.74 | 0.21 | 0.006 | 0.005 | 0.22 | 0.084 | 0.090 | 0.023 | 0.009 | 0.000 | 0.003 | 0.000 | 0.008 | 0.375 |
| 77766         | 86987                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 0.22 | 0.70 | 0.20 | 0.006 | 0.011 | 0.30 | 0.097 | 0.062 | 0.023 | 0.023 | 0.000 | 0.005 | 0.000 | 0.008 | 0.363 |

**PROPIEDADES MECÁNICAS / MECHANICAL PROPERTIES**

| Colada / Heat | Secuencia / Sequence | Clave / Code | Producto / Description of Goods          | Calibre / Diameter | Cantidad / Bundles | RT                 | TS     | LF                 | YS     | P. Doblez / Bend Test |
|---------------|----------------------|--------------|--|--------------------|--------------------|--------------------|--------|--------------------|--------|-----------------------|
|               |                      |              |  |                    |                    | kg/mm <sup>2</sup> | MPa    | kg/mm <sup>2</sup> | MPa    |                       |
| 68908         | 33474                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 3" x 3" x 3/8"     | 1                  | 54.46              | 534.12 | 40.18              | 394.03 | Cumple / Successfully |
| 76472         | 85534                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 3" x 3" x 3/8"     | 5                  | 53.24              | 522.14 | 40.94              | 401.48 | Cumple / Successfully |
| 76472         | 85535                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 3" x 3" x 3/8"     | 5                  | 53.24              | 522.14 | 40.79              | 400.02 | Cumple / Successfully |
| 76472         | 85536                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 3" x 3" x 3/8"     | 7                  | 53.23              | 522.02 | 40.93              | 401.41 | Cumple / Successfully |
| 77766         | 86987                | 60631        | ANGLE 3" x 3" x 3/8" A36/529-50 20' 2.0T | 3" x 3" x 3/8"     | 9                  | 50.52              | 495.48 | 38.13              | 383.75 | Cumple / Successfully |

**OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION**

/ %Elongation specimen 8 in [200 mm]

/ 1 ppm = 0.0001%

/ Coating Type: Uncoated

/ Country of Origin and Exporter: México

CE=

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2008, A579-2005 (re aprobada el 2009), A572-2012 y A992-2011 y a las normas dimensionales NMX-8252, ASTM A618M-2012, ASTM A6A36/A529-50 / The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard ASTM A6A36/A529-50



**MANUEL MARCELINO GARCIA RAMOS**  
 Gerente de Aseguramiento de Calidad / Quality Assurance Manager



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Hecho en México / Made in Mexico

| OTROS DATOS ADICIONALES / ADDITIONAL INFORMATION |   |
|--|---|
| / Integrated Accessories: Strips                 |   |
| / Melted and Poured in Mexico                    | Acería Ramos Arizpe Carretera a Mondova Km 4 #2125 Tramo Santa Cruz-Ojo Caliente ZIP 25900 RAMOS ARIZPE, COAHUILA Phone |
| / Presentation: Package                          |   |
| / Type of Finish: Smooth                         |   |
| / Type of Steel: Carbon Steel Hot Rolled         |   |

Certificamos que este material ha sido producido, inspeccionado y probado de acuerdo a las normas de fabricación del acero aplicables a la ASTM A36-2006, A529-2005 (re aprobada el 2009), A572-2012 y A992-2011, y a las normas dimensionales NMX B252, ASTM A6/A6M-2012, ASTM A6/A36/A529-50 / The information on the chemical and mechanical properties contained in this certificate are average values obtained from the company's internal records, where we certify that this material has been produced, inspected and tested in accordance with the standard:ASTM A6/A36/A529-50



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