



PERFILES COMERCIALES SIGOSA S.A. DE C.V.

Calzada Vallejo No. 1361 Local H. Nueva Industrial Vallejo Mexico. D.F. C.P. 07700

Almacén Matamoros Tel. (868)150-1900 al 29 Fax. (868)150-19-53 y 54

Certificado de Calidad de Pruebas Físicas y Químicas (Mill Test Report)

Información del Cliente / Client Information:

PLESA ANAHUAC SA DE CV

Orden / Order: 50486

Certificado / Certificate: B50357

Fecha / Date: 22/08/2017 13:48 PM

Fecha Impresión / Print Date: 22/08/2017 13:59 PM



| # | SERIE | PRODUCTO | COLADA | GRADO | *LE | *UT | PE | LE/UT | C | Mn | Si | P | S | Cu | Cr | Ni | Mo | Sn | V | Nb | Al | CEQ |
|----|---------------|---------------------------|--------------|-------------|-------|-------|-----|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| # | SERIAL | PRODUCT | HEAT | GRADE | *YS | *TS | %EL | (YS/TS) | | | | | | | | | | | | | | |
| 1 | 2201701201066 | ANG 20ft 4x4x1/2 | 000000162259 | A36/A529-50 | 52500 | 74600 | 33 | 0.7 | .183 | .88 | .211 | .018 | .031 | .304 | .152 | .126 | .034 | .012 | .001 | .002 | .002 | .427 |
| 2 | 2201701201065 | ANG 20ft 4x4x1/2 | 000000162259 | A36/A529-50 | 52500 | 74600 | 33 | 0.7 | .183 | .88 | .211 | .018 | .031 | .304 | .152 | .126 | .034 | .012 | .001 | .002 | .002 | .427 |
| 3 | 2201701201063 | ANG 20ft 4x4x1/2 | 000000162259 | A36/A529-50 | 52500 | 74600 | 33 | 0.7 | .183 | .88 | .211 | .018 | .031 | .304 | .152 | .126 | .034 | .012 | .001 | .002 | .002 | .427 |
| 4 | 1201706163631 | ANG 20ft 1-1/4x1-1/4x3/16 | 000000171297 | A36/A529-50 | 58500 | 77200 | 33 | 0.75 | .179 | .876 | .182 | .023 | .03 | .361 | .153 | .121 | .03 | .014 | .001 | .003 | .002 | .424 |
| 5 | 1201706163610 | ANG 20ft 1-1/4x1-1/4x3/16 | 000000171296 | A36/A529-50 | 55200 | 77200 | 31 | 0.72 | .184 | .866 | .174 | .019 | .027 | .339 | .107 | .106 | .028 | .014 | .001 | .002 | .002 | .414 |
| 6 | 1201706162081 | ANG 20ft 1-1/4x1-1/4x3/16 | 000000171296 | A36/A529-50 | 55200 | 77200 | 31 | 0.72 | .184 | .866 | .174 | .019 | .027 | .339 | .107 | .106 | .028 | .014 | .001 | .002 | .002 | .414 |
| 7 | 1201706163606 | ANG 20ft 1-1/4x1-1/4x3/16 | 000000171296 | A36/A529-50 | 55200 | 77200 | 31 | 0.72 | .184 | .866 | .174 | .019 | .027 | .339 | .107 | .106 | .028 | .014 | .001 | .002 | .002 | .414 |
| 8 | 1201706163604 | ANG 20ft 1-1/4x1-1/4x3/16 | 000000171296 | A36/A529-50 | 55200 | 77200 | 31 | 0.72 | .184 | .866 | .174 | .019 | .027 | .339 | .107 | .106 | .028 | .014 | .001 | .002 | .002 | .414 |
| 9 | 2201706301025 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 10 | 2201706301015 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 11 | 2201706301011 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 12 | 2201706301010 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 13 | 2201706301021 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 14 | 2201706301012 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 15 | 2201706301014 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 16 | 2201706301013 | ANG 20ft 4x4x1/4 | 000000171488 | A36/A529-50 | 54700 | 75400 | 30 | 0.73 | .195 | .869 | .172 | .011 | .028 | .347 | .088 | .13 | .029 | .013 | .001 | .003 | .002 | .424 |
| 17 | 1200606213032 | ANG 20ft 1x1x3/16 | 000000171562 | A36/A529-50 | 57300 | 79800 | 32 | 0.72 | .187 | .891 | .195 | .022 | .025 | .315 | .171 | .135 | .038 | .015 | .001 | .003 | .003 | .441 |
| 18 | 1200606213033 | ANG 20ft 1x1x3/16 | 000000171562 | A36/A529-50 | 57300 | 79800 | 32 | 0.72 | .187 | .891 | .195 | .022 | .025 | .315 | .171 | .135 | .038 | .015 | .001 | .003 | .003 | .441 |
| 19 | 1200606213034 | ANG 20ft 1x1x3/16 | 000000171562 | A36/A529-50 | 57300 | 79800 | 32 | 0.72 | .187 | .891 | .195 | .022 | .025 | .315 | .171 | .135 | .038 | .015 | .001 | .003 | .003 | .441 |
| 20 | 1200606213031 | ANG 20ft 1x1x3/16 | 000000171562 | A36/A529-50 | 57300 | 79800 | 32 | 0.72 | .187 | .891 | .195 | .022 | .025 | .315 | .171 | .135 | .038 | .015 | .001 | .003 | .003 | .441 |
| 21 | 1200606213030 | ANG 20ft 1x1x3/16 | 000000171562 | A36/A529-50 | 57300 | 79800 | 32 | 0.72 | .187 | .891 | .195 | .022 | .025 | .315 | .171 | .135 | .038 | .015 | .001 | .003 | .003 | .441 |

*Las unidades expresadas en L.E. y U.T son en PSI. La composición química esta expresada en % en peso.

*The units expressed in L.E and U.T are in PSI. The chemical composition is expressed in % in weight.

Certificamos que el producto aquí descrito, cumple y ha sido fabricado, muestreado, probado e inspeccionado de acuerdo con los requisitos aplicables de la especificación:
2013: ASME SA36; ASME SA-6/SA-6M; A36;
2014: ASTM A6/ A6 M-13; A529 / A529M; ASTM A370 - 12a

We certify that the product above mentioned accomplishes and has been manufactured, sampled, tested and inspected in accordance with applicable requirements of specifications:
2013: ASME SA36; ASME SA-6/SA-6M; A36;
2014: ASTM A6/ A6 M-13; A529 / A529M; ASTM A370 - 12a

Gerente de Aseguramiento de Calidad

En SIGOSA, SA DE CV nos comprometemos a satisfacer las expectativas y requerimientos de nuestros clientes. Mediante un sistema de Gestión de Calidad, la mejora continua de nuestros productos, el uso eficiente de los recursos, y la participación individual y de equipo de toda su personal