

PERFILES COMERCIALES SIGOSA S.A. DE C.V.
 Calzada Valjejo No. 1361 Local H. Nueva Industrial Vallejo Mexico, D.F. C.P. 07700
 Almacén Matamoros Tel. (888)150-1900 al 29 Fax. (888)150-19-53 y 54

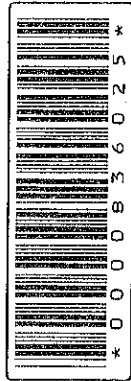
Certificado de Calidad de Pruebas Físicas y Químicas
 (Mill Test Report)

Información del Cliente / Client Information:
 LAMINADORA VISTA HERMOSA S.A DE C.V

Fecha / Date: 01/08/2015 07:22 AM
 Fecha Impresión / Print Date: 01/08/2015 12:29 PM

Orden / Order: 36887

Certificado / Certificate: B36025



| SERIAL | PRODUCTO | COLADA HEAT | GRADE | *LE *YS | *UT *TS | PE %EL | LE/UT (YS/TS) | C | Cr | Ni | Cu | Si | Al | S | P | Mn | V | Nb | Sn | Mo | CEQ |
|--------|---------------|-----------------|-------------|---------|---------|--------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 2201304153062 | SOL 20R 10x1/2 | A529-50 | 57100 | 86200 | 26 | 0.66 | .22 | .076 | .1 | .3 | .23 | .003 | .018 | .008 | .94 | .21 | .001 | .014 | .084 | .457 |
| 2 | 2201304163094 | SOL 20R 10x1/2 | A529-50 | 57100 | 86200 | 26 | 0.66 | .22 | .076 | .1 | .3 | .23 | .003 | .018 | .008 | .94 | .21 | .001 | .014 | .084 | .457 |
| 3 | 2201304153063 | SOL 20R 10x1/2 | A529-50 | 57100 | 86200 | 26 | 0.66 | .22 | .076 | .1 | .3 | .23 | .003 | .018 | .008 | .94 | .21 | .001 | .014 | .084 | .457 |
| 4 | 2201507031043 | SOL 20R 4x0.375 | A36/A529-50 | 53800 | 75600 | 30 | 0.71 | .163 | .125 | .067 | .212 | .178 | .001 | .031 | .016 | .82 | .001 | .001 | .01 | .018 | .377 |
| 5 | 2201507031043 | SOL 20R 4x0.375 | A36/A529-50 | 53800 | 75600 | 30 | 0.71 | .163 | .125 | .067 | .212 | .178 | .001 | .031 | .016 | .82 | .001 | .001 | .01 | .018 | .377 |
| 6 | 2201507031048 | SOL 20R 4x0.375 | A36/A529-50 | 53800 | 75600 | 30 | 0.71 | .163 | .125 | .067 | .212 | .178 | .001 | .031 | .016 | .82 | .001 | .001 | .01 | .018 | .377 |
| 7 | 2201507031047 | SOL 20R 4x0.375 | A36/A529-50 | 53800 | 75600 | 30 | 0.71 | .163 | .125 | .067 | .212 | .178 | .001 | .031 | .016 | .82 | .001 | .001 | .01 | .018 | .377 |
| 8 | 2201507031050 | SOL 20R 4x0.375 | A36/A529-50 | 53800 | 75600 | 30 | 0.71 | .163 | .125 | .067 | .212 | .178 | .001 | .031 | .016 | .82 | .001 | .001 | .01 | .018 | .377 |
| 9 | 2201507031052 | SOL 20R 4x0.375 | A36/A529-50 | 53800 | 75600 | 30 | 0.71 | .163 | .125 | .067 | .212 | .178 | .001 | .031 | .016 | .82 | .001 | .001 | .01 | .018 | .377 |
| 10 | 2201506261043 | ANG 20R 3x3x1/4 | A36/A529-50 | 52425 | 74685 | 29 | 0.7 | .162 | .175 | .104 | .321 | .18 | .002 | .027 | .021 | .831 | .001 | .002 | .016 | .029 | .4 |
| 11 | 2201506261044 | ANG 20R 3x3x1/4 | A36/A529-50 | 52425 | 74685 | 29 | 0.7 | .162 | .175 | .104 | .321 | .18 | .002 | .027 | .021 | .831 | .001 | .002 | .016 | .029 | .4 |
| 12 | 2201506261042 | ANG 20R 3x3x1/4 | A36/A529-50 | 52425 | 74685 | 29 | 0.7 | .162 | .175 | .104 | .321 | .18 | .002 | .027 | .021 | .831 | .001 | .002 | .016 | .029 | .4 |
| 13 | 1201507213037 | SOL 20R 3x3/8 | A36/A529-50 | 51204 | 73724 | 31 | 0.69 | .171 | .159 | .162 | .364 | .187 | .004 | .029 | .015 | .856 | .001 | .008 | .017 | .031 | .418 |
| 14 | 1201507213038 | SOL 20R 3x3/8 | A36/A529-50 | 51204 | 73724 | 31 | 0.69 | .171 | .159 | .162 | .364 | .187 | .004 | .029 | .015 | .856 | .001 | .008 | .017 | .031 | .418 |
| 15 | 1201507213027 | SOL 20R 3x3/8 | A36/A529-50 | 52333 | 78399 | 29 | 0.66 | .163 | .123 | .091 | .286 | .163 | .003 | .033 | .014 | .827 | .001 | .002 | .014 | .029 | .384 |
| 16 | 1201507213026 | SOL 20R 3x3/8 | A36/A529-50 | 52333 | 78399 | 29 | 0.66 | .163 | .123 | .091 | .286 | .163 | .003 | .033 | .014 | .827 | .001 | .002 | .014 | .029 | .384 |

unidades expresadas en L.E. y U.T son en PSI. La composición química esta expresada en % en peso.
 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:
 ASTM Vol. 01.04 A6/A6M - 13a (2014)

We certify that the product above mentioned accomplishes and has been manufactured, sampled, tested and inspected in accordance with applicable requirements of specifications:
 ASTM Vol. 01.04 A6/A6M - 13a (2014)



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 todo su personal.