



CERTIFICADO DE CALIDAD DE PRODUCTO TERMINADO / CERTIFICATE MATERIAL TEST

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|
| Planta 3M | | CARRETERA MONCLOVA KM 4 NUMERO 2125, TRA | | | | RAMOS ARIZPE, COAHUILA | | | | | | | | | | | |
| DATOS DEL CLIENTE / CUSTOMER DATA | | | | | | DATOS DEL EMBARQUE | | | | | | | | | | | |
| Cliente/ PLESA ANAHUAC Y CIAS SA DE CV Customer: | | | No. Certificado/ Certificate No: 1005 - 10044917 | | | Num. Viaje/ Travel No: 1005 | | | | | | | | | | | |
| Dirección/ AV VALLE DE LAS ALAMEDAS 66 0 Address: | | | Fecha/ Date: 30-Jun-2012 | | | Remision/ Invoice No: 43000775 | | | | | | | | | | | |
| Ciudad/ TULTITLAN City: | | Estado/ EDO. DE MEXICO State: | | | | PRODUCTO TERMINADO/ FINISHING PRODUCT | | | | | | | | | | | |
| Teléfono/ 10838570 Phone: | | Pais/ C.P./ Country ZIP: 54940 | | | | | | | | | | Pedido/ Customer Order No: 10044917 | | | | | |
| | | | | | | | | | | | | Num. Plan/ Shipping: 1124 | | | | | |
| Correo Electrónico/ eMail: | | | | | | | | | | | | Fecha Embarque/ Shipping Date: 30-Jun-2012 | | | | | |

| COMPOSICION QUIMICA (% en Peso) / CHEMICAL COMPOSITION (% weight) | | | | | | | | | | | | | | |
|---|------------------------|-----------------|--------|--|------|------|------|-------|-------|------|--|--|--|--|
| Colada/ Heat | Secuencia/ Sequence | Molino/ Mill | Clave | Producto / Description of Goods | %C | %Mn | %Si | %P | %S | %Cu | | | | |
| 45383 | 146 | MOLRAM 01 | SL1034 | IA SOLERA 4" x 1/4" A-36 6.10m 2.0T | 0.16 | 0.68 | 0.20 | 0.016 | 0.029 | 0.30 | | | | |
| 45748 | 170 | MOLRAM 01 | SL1016 | IA SOLERA 2" x 3/8" A-36 6.10m 2.0T | 0.16 | 0.67 | 0.18 | 0.011 | 0.010 | 0.31 | | | | |
| 106617 | 371 | MOLRAM 01 | LI1273 | IA ANGULO LI 1 1/2" x 1 1/2" x 1/4" A36/A529-50 6.10m 2.0T | 0.00 | 0.00 | 0.00 | 0.000 | 0.000 | 0.00 | | | | |

| PROP. FISICAS/PHYSICAL TEST | | | | | | | | | | | |
|-----------------------------|------------------------|-----------------|--------|--|---------------------|----------|----------|---------|----------|--|----------------------------------|
| Colada/ Heat | Secuencia/ Sequence | Molino/ Mill | Clave | Producto / Description of Goods | Cantidad / Quantity | RT / TS | | Lf / Ys | | Elongación en % de 8 pulgadas / Elongation in % of 8 inches | Prueba de Dobleza / Bend Test |
| | | | | | | Kg / mm2 | Psi | Kg/mm2 | Psi | | |
| 45383 | 146 | MOLRAM0 1 | SL1034 | IA SOLERA 4" x 1/4" A-36 6.10m 2.0T | 2 | 48.7 | 69,296.4 | 38.4 | 54,603.6 | 46 | Cumple |
| 45748 | 170 | MOLRAM0 1 | SL1016 | IA SOLERA 2" x 3/8" A-36 6.10m 2.0T | 1 | 50.9 | 72,354.4 | 46.0 | 65,385.0 | 45 | Cumple |
| 106617 | 371 | MOLRAM0 1 | LI1273 | IA ANGULO LI 1 1/2" x 1 1/2" x 1/4" A36/A529-50 6.10m 2.0T | 3 | 52.9 | 75,234.7 | 36.3 | 51,609.6 | 36 | Cumple |

El material se encuentra libre de daos al momento de embarcarse. Sin golpes, raspaduras, dobleces, pintura o aceite

Certificamos que este material se ha producido, inspeccionado y probado acuerdo a normas de fabricación del acero aplicables y las dimensionales NMX B 252; ASTM A6/A6M, cumpliendo satisfactoriamente los resultados obtenidos, quedando en los registros de la compañía.

Aseguramiento de Calidad / Certification
Ing. Octavio Sarabia Caballero
Gerente de Aseguramiento de Calidad /
Quality Assurance Manager