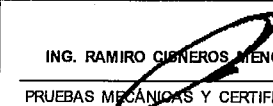




| | | | | | | |
|-----------|--------------------------------------|---------------|------------|--------|---|---|
| CLIENTE | PLESA ANAHUAC Y CIAS, S.A. DE C.V. | FECHA EMISION | 12.01.2013 | PAGINA | 1 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPAÑIA.  ING. RAMIRO CISNEROS MENCHACA PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . | | | | | |
| PRODUCTO | PLACA ANCHA | | | | | |

COMPOSICION QUIMICA

| COLADA | ESPECIFICACION | C | Mn | P | S | Si | Cu | Cr | Ni | Mo | Alt | V | Co | Ti |
|--------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 130365 | ASTM A36/ASME SA36 ED10AD110.187 | 0.816 | 0.012 | 0.005 | 0.126 | 0.019 | 0.012 | 0.016 | 0.016 | 0.003 | 0.037 | 0.002 | 0.001 | 0.003 |
| 130372 | ASTM A36/ASME SA36 ED10AD110.178 | 0.833 | 0.015 | 0.006 | 0.115 | 0.015 | 0.016 | 0.017 | 0.009 | 0.047 | 0.003 | 0.001 | 0.002 | |
| 230213 | ASTM A36/ASME SA36 ED10AD110.163 | 0.815 | 0.017 | 0.009 | 0.112 | 0.023 | 0.021 | 0.015 | 0.008 | 0.046 | 0.003 | 0.003 | 0.003 | |
| 230348 | ASTM A36/ASME SA36 ED10AD110.160 | 0.833 | 0.022 | 0.005 | 0.135 | 0.028 | 0.020 | 0.018 | 0.010 | 0.038 | 0.004 | 0.001 | 0.003 | |
| 230350 | ASTM A36/ASME SA36 ED10AD110.156 | 0.833 | 0.020 | 0.005 | 0.125 | 0.020 | 0.018 | 0.018 | 0.010 | 0.047 | 0.003 | 0.001 | 0.002 | |
| 230402 | ASTM A 572 50 T1 REV12 | 0.174 | 1.401 | 0.017 | 0.008 | 0.164 | 0.033 | 0.029 | 0.021 | | 0.037 | 0.005 | 0.017 | 0.011 |

PRUEBAS AL PRODUCTO

| COLADA | PLANCHON | NO. PLACA | ESPEJOR (Plg.) | L. ELASTICO | R. TENSION | %ELON. | T. ELONG. |
|--------|----------|-----------|----------------|--------------|--------------|--------|-----------|
| 130365 | 6030 | 74981082 | 0.7500 | 41.691 (KSI) | 67.592 (KSI) | 28 (%) | 8 |
| 130365 | 6040 | 74981042 | 0.7500 | 41.060 (KSI) | 67.302 (KSI) | 27 (%) | 8 |
| 130372 | 6010 | 75010141 | 0.6250 | 44.780 (KSI) | 69.373 (KSI) | 25 (%) | 8 |
| 130372 | 6040 | 74982532 | 0.7500 | 45.440 (KSI) | 71.154 (KSI) | 26 (%) | 8 |
| 130372 | 6100 | 74982802 | 0.7500 | 40.426 (KSI) | 67.678 (KSI) | 26 (%) | 8 |
| 230213 | 5050 | 74820091 | 0.7500 | 42.071 (KSI) | 68.613 (KSI) | 29 (%) | 8 |
| 230213 | 6070 | 74820111 | 0.7500 | 42.430 (KSI) | 68.972 (KSI) | 27 (%) | 8 |
| 230348 | 5050 | 74982572 | 0.7500 | 40.342 (KSI) | 65.897 (KSI) | 32 (%) | 8 |
| 230348 | 6070 | 74982712 | 0.7500 | 42.283 (KSI) | 68.276 (KSI) | 27 (%) | 8 |
| 230350 | 5010 | 74981192 | 0.7500 | 42.777 (KSI) | 68.839 (KSI) | 29 (%) | 8 |
| 230350 | 5020 | 74982782 | 0.7500 | 42.777 (KSI) | 68.839 (KSI) | 29 (%) | 8 |
| 230350 | 6030 | 74982742 | 0.7500 | 43.259 (KSI) | 69.394 (KSI) | 30 (%) | 8 |
| 230402 | 5050 | 75001072 | 0.7500 | 52.246 (KSI) | 78.547 (KSI) | 45 (%) | 2 |
| 230402 | 5060 | 75001082 | 0.7500 | 52.590 (KSI) | 77.251 (KSI) | 47 (%) | 2 |
| 230402 | 5080 | 75002601 | 1.2500 | 54.929 (KSI) | 74.379 (KSI) | 48 (%) | 2 |
| 230402 | 6010 | 75001581 | 1.0000 | 59.222 (KSI) | 78.304 (KSI) | 46 (%) | 2 |
| 230402 | 6030 | 75002641 | 1.2500 | 55.031 (KSI) | 74.515 (KSI) | 51 (%) | 2 |
| 230402 | 6080 | 75001681 | 1.0000 | 54.553 (KSI) | 77.952 (KSI) | 43 (%) | 2 |

| COLADA | PLANCHON | NO. PLACA | NORMA |
|--------|----------|-----------|-------|
| 130365 | 6030 | 74981082 | N/A |
| 130365 | 6040 | 74981042 | N/A |
| 130372 | 6010 | 75010141 | N/A |
| 130372 | 6040 | 74982532 | N/A |
| 130372 | 6100 | 74982802 | N/A |

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| | | | | | | |
|-----------|--------------------------------------|---------------|------------|--------|---|--|
| CLIENTE | PLESA ANAHUAC Y CIAS, S.A. DE C.V. | FECHA EMISION | 12.01.2013 | PAGINA | 2 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA. ING. RAMIRO CIENEROS MENCHACA PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-O . | | | | | |
| PRODUCTO | PLACA ANCHA | | | | | |

PRUEBAS AL PRODUCTO

| COLADA | PLANCHON | NO. PLACA | NORMA |
|--------|----------|-----------|-------|
| 230213 | 5050 | 74820091 | N/A |
| 230213 | 6070 | 74820111 | N/A |
| 230348 | 5050 | 74982572 | N/A |
| 230348 | 6070 | 74982712 | N/A |
| 230350 | 5010 | 74981192 | N/A |
| 230350 | 5020 | 74982782 | N/A |
| 230350 | 6030 | 74982742 | N/A |
| 230402 | 5050 | 75001072 | N/A |
| 230402 | 5060 | 75001082 | N/A |
| 230402 | 5080 | 75002601 | N/A |
| 230402 | 6010 | 75001581 | N/A |
| 230402 | 6030 | 75002641 | N/A |
| 230402 | 6080 | 75001681 | N/A |

PRODUCTO EMBARCADO

| COLADA | PLANCHON | NO. PLACA | ESPEJOR (Plg.) | ANCHO (Plg.) | LARGO (Plg.) | PEDIDO | PARTIDA | ENTREGA |
|--------|----------|-----------|----------------|--------------|--------------|------------|---------|------------|
| 130365 | 6010 | 74980933 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 130372 | 5080 | 74980942 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 230213 | 5080 | 74821911 | 0.7500 | 72.0000 | 240.0000 | 0000513573 | 000070 | 1001722982 |
| 230213 | 5080 | 74821912 | 0.7500 | 72.0000 | 240.0000 | 0000513573 | 000070 | 1001722982 |
| 230213 | 5080 | 74821913 | 0.7500 | 72.0000 | 240.0000 | 0000513573 | 000070 | 1001722982 |
| 230213 | 5080 | 74821914 | 0.7500 | 72.0000 | 240.0000 | 0000513573 | 000070 | 1001722982 |
| 230348 | 5010 | 74980872 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 230348 | 5010 | 74980873 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 230348 | 5020 | 74980972 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 230348 | 6020 | 74980952 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 230350 | 6020 | 74980922 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000080 | 1001722982 |
| 230402 | 6050 | 75000992 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000150 | 1001722982 |
| 230402 | 6050 | 75000993 | 0.7500 | 96.0000 | 240.0000 | 0000513573 | 000150 | 1001722982 |

| COLADA | PLANCHON | NO. PLACA | PED. CLIENTE | NOR. US. | NORMA | NORMA |
|--------|----------|-----------|--------------|----------|-------|-------|
| 130365 | 6010 | 74980933 | 14559 | N/A | A-6 | N/A |
| 130372 | 5080 | 74980942 | 14559 | N/A | A-6 | N/A |
| 230213 | 5080 | 74821911 | 14559 | N/A | A-6 | N/A |

3/4 6x20
1.7
8x20
2.27

572/50

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|-----------|--------------------------------------|---------------|------------|--------|---|--|
| CLIENTE | PLESA ANAHUAC Y CIAS, S.A. DE C.V. | FECHA EMISION | 12.01.2013 | PAGINA | 3 | NOSOTROS CERTIFICAMOS QUE LOS ANALISIS Y/O PRUEBAS MOSTRADAS EN ESTE REPORTE SON CORRECTOS Y ESTAN CONTENIDOS EN LOS REGISTROS DE LA COMPANIA. ING. RAMIRO CIBNEROS MENCHACA PRUEBAS MECANICAS Y CERTIFICACION |
| DIRECCION | AV. VALLE DE LAS ALAMEDAS No. 66-0 . | | | | | |
| PRODUCTO | PLACA ANCHA | | | | | |

| +-----+-----+-----+-----+ | | | | PRODUCTO EMBARCADO | +-----+-----+ | |
|---------------------------|----------|-----------|--------------|--------------------|---------------|-------|
| COLADA | PLANCHON | NO. PLACA | PED. CLIENTE | NOR. US. | NORMA | NORMA |
| 230213 | 5080 | 74821912 | 14559 | N/A | A-6 | N/A |
| 230213 | 5080 | 74821913 | 14559 | N/A | A-6 | N/A |
| 230213 | 5080 | 74821914 | 14559 | N/A | A-6 | N/A |
| 230348 | 5010 | 74980872 | 14559 | N/A | A-6 | N/A |
| 230348 | 5010 | 74980873 | 14559 | N/A | A-6 | N/A |
| 230348 | 5020 | 74980972 | 14559 | N/A | A-6 | N/A |
| 230348 | 6020 | 74980952 | 14559 | N/A | A-6 | N/A |
| 230350 | 6020 | 74980922 | 14559 | N/A | A-6 | N/A |
| 230402 | 6050 | 75000992 | 14559 | N/A | A-6 | N/A |
| 230402 | 6050 | 75000993 | 14559 | N/A | A-6 | N/A |

FIN DE DATOS

EL COMPROMISO DE AHMSA ES SOLO CON EL CLIENTE INDICADO EN ESTE CERTIFICADO, Y SOLO ACEPTAMOS EL DOCUMENTO ORIGINAL.

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