

CONEXIÓN SOLDABLE

CARR. MTY-LAREDO KM. 24.2

APARTADO POSTAL 43 C.P. 65550 CIÉNEGA DE FLORES, N.L., MÉXICO

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Certificate Q5377

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|---|--|------------------------------------|------|---|-------------------------------------|
| CERTIFICADO DE CALIDAD No.: CERTIFIED TEST REPORT: | 8191 | LISTA DE EMPAQUE: PACKING LIST: | 5031 | FECHA: DATE: | ENERO 8 de 2002 |
| VENDIDO A: SOLD TO: | FERRETERA ANAHUAC AVE. VALLE DE LAS ALAMEDAS No. 66 SAN FRANCISCO C TULTITLAN, MEXICO, D.F. | | | PEDIDO DEL CLIENTE No. CUSTOMERS ORDER No. | EMBARCADO A: SHIP TO: LOS MISMOS |

PRUEBAS MECANICAS

| CANT. | COLADA HEAT CODE | DESCRIPTION | ESF. DE CEDENCIA YIELD STRENGTH (PSI) | ESF. RUPTURA TENSILE STRENGTH (PSI) | ELONGACION ELONGATION % 2" | DUREZA HARDNESS HB |
|-------|---------------------|--------------------------|---|---|----------------------------------|--------------------------|
| 29 | VG4 | CODO R.L. 6 X 90 CED XS | 55682 | 75668 | 35 | 143 |
| 134 | UK4 | TEE 8 CED STD | 44141 | 69622 | 35 | 144 |
| 106 | RD4 | TEE 8 CED STD | 45551 | 68225 | 36 | 144 |
| 1 | QT4 | RED. CONC. 10 X 4 CED XS | 51858 | 69259 | 33 | 144 |

ANALISIS QUIMICO

| COLADA HEAT CODE | C.E. | C | Mn | P | S | Si | Cr | Cu | Mo | Ni | V | Nb |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| VG4 | 0.314 | 0.175 | 0.651 | 0.004 | 0.003 | 0.309 | 0.038 | 0.112 | 0.014 | 0.191 | 0.002 | 0.000 |
| UK4 | 0.319 | 0.175 | 0.672 | 0.005 | 0.003 | 0.320 | 0.041 | 0.082 | 0.021 | 0.208 | 0.002 | 0.000 |
| RD4 | 0.328 | 0.180 | 0.775 | 0.005 | 0.000 | 0.382 | 0.030 | 0.086 | 0.017 | 0.053 | 0.002 | 0.000 |
| QT4 | 0.328 | 0.190 | 0.724 | 0.008 | 0.001 | 0.358 | 0.030 | 0.094 | 0.006 | 0.051 | 0.002 | 0.000 |

LOS PRODUCTOS MANUFACTURADOS POR EMPRESAS RIGA, S.A. de C.V. ESTAN CONFORME A LAS SIGUIENTES ESPECIFICACIONES:

CC-008

PRODUCTS MANUFACTURED BY EMPRESAS RIGA, S.A. de C.V. ARE CONFORMING TO FOLLOWING SPECIFICATIONS:

STARTING MATERIAL SEAMLESS PIPE ASTM A-106 GRADE B.

ASTM A-234 WPB, ASME A 234 WPB, ANSI B 16.9 Y ANSI B16.28, NACE MR 0175

 CONEXIONES SIN COSTURA, FORJADO EN CALIENTE Y NORMALIZADO
 SEAMLESS FITTINGS, HOT FORMED AND NORMALIZED

GERENTE CONTROL DE CALIDAD:

QUALITY CONTROL MANAGER:


ING. JOSE MARTINEZ MACIAS.