



EMPRESAS RIGA, S.A de C.V.

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

CERTIFICADO DE CALIDAD No.: CERTIFIED TEST REPORT:	8544	LISTA DE EMPAQUE : PACKING LIST:	5177	FECHA: DATE:	MARZO 22 de 2002
VENDIDO A: SOLD TO:	FERRETERA ANAHUAC, S.A. DE C.V. AVE. VALLE DE LAS ALMEDAS 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
400	PQ4	CODO R.L. 1 X 90 CED STD	43986	63828	53	126
201	UT4	CODO R.L. 1 1/2 X 90 CED XS	51640	76876	54	128
702	SN4	CODO R.L. 2 X 90 CED STD	57917	82474	31	126
92	GX4	CODO R.L. 2 X 90 CED STD	55056	76853	28	126
1	GW4	CODO R.L. 2 X 90 CED STD	50447	76129	30	128
4	PC4	CODO R.L. 2 X 90 CED STD	51858	73836	31	126
1	GY4	CODO R.L. 2 X 90 CED STD	49438	74382	31	130
201	OR4	CODO R.L. 2 1/2 X 90 CED STD	45861	74294	29	131
147	LZ4	CODO R.L. 2 1/2 X 90 CED STD	51593	74982	30	117
2	OL4	CODO R.L. 2 1/2 X 90 CED STD	47998	74833	31	130
100	PX4	CODO 3 X 45 CED STD	48343	71791	38	131

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
PQ4	0.282	0.150	0.590	0.011	0.001	0.240	0.070	0.119	0.043	0.050	0.000	0.000
UT4	0.317	0.180	0.730	0.013	0.001	0.280	0.030	0.072	0.010	0.030	0.001	0.001
SN4	0.339	0.195	0.691	0.006	0.002	0.528	0.024	0.137	0.025	0.137	0.002	0.000
GX4	0.299	0.191	0.585	0.009	0.001	0.358	0.012	0.083	0.002	0.022	0.002	0.000
GW4	0.275	0.166	0.587	0.008	0.001	0.374	0.013	0.080	0.002	0.030	0.002	0.000
PC4	0.311	0.186	0.683	0.008	0.003	0.419	0.026	0.060	0.006	0.001	0.002	0.000
GY4	0.272	0.148	0.657	0.006	0.000	0.351	0.019	0.095	0.002	0.059	0.002	0.000
OR4	0.313	0.181	0.750	0.010	0.000	0.361	0.018	0.038	0.003	0.001	0.002	0.000
LZ4	0.280	0.170	0.582	0.002	0.001	0.327	0.022	0.114	0.002	0.001	0.002	0.001
OL4	0.347	0.190	0.873	0.012	0.000	0.325	0.038	0.047	0.003	0.001	0.002	0.000
PX4	0.319	0.180	0.760	0.014	0.001	0.310	0.030	0.038	0.010	0.020	0.001	0.001

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. ACCORDING TO DIN 50049/3.1. B / EN 10204/3.1. B

ASTM A 234 / ASME SA 234 WPB, ASME B16.9, ASME B16.28 AND NACE MR 0175.

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

GERENTE DE ASEGURAMIENTO DE CALIDAD:

QUALITY ASSURANCE MANAGER:

ING. JOSE MARTINEZ MACIAS.
e-mail jmartinez@empresasriga.com