



PROCARSA, S.A. DE C.V.

**CERTIFICADO DE CALIDAD
DE PRUEBAS FISICAS-QUIMICAS**

QUALITY CERTIFICATE OF TEST PHYSICAL-CHEMICAL

DIAMETRO : 10 3/4" ESPESOR DE PARED : 0.500" GRADO : ASTM A53-B PRESION HIDROSTATICA: 137 kg/cm² 1950 PSI

TENSILE TEST

CHEMICAL ANALYSIS PERCENT WEIGHT

NUM. PROBEA DESCRIPCION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEBULT YIELD	C	Mn	P	S	CB	V	TI	SI	Cu	Al	Ca	Cr	Ni	Mg	N	Ceq
6-8 Tc Ts	127862	61 426	75 005 80 505	40	0.82	0.161	1.10	0.015	0.007	0.001	0.002	0.003	0.213	0.041	0.035	0.0035	0.028	0.035	0.007	0.0050	
10-7 Tc Ts	127863	56 022	73 363 78 544	39	0.76	0.176	1.12	0.012	0.005	0.001	0.001	0.003	0.190	0.028	0.033	0.0028	0.018	0.027	0.005	0.0079	

CERTIFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APLICABLES DE LA ESPECIFICACION:

WE CERTIFY THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ASTM A53-B -99

INS. FERNANDO OSORIO PEREZ
GERENTE DE ASEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE MANAGER

CLIENTE: TUCOYA
CUSTOMER: PEDRO CORDERO / P.O. 11484
PARTIDA (S): 41792-20
FECHA: FEBRERO 06, 2004

ANALISIS QUIMICO % EN PESO
HYDROSTATIC TEST: 137 kg/cm²

NUMERO NUMBER: PLM-035-2004