



PLM-005-7

PROCARSA, S.A. DE C.V.

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

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

DIAMETRO : 12 3/4"
DIAMETER : 12 3/4"

ESPESSOR DE PARED
WALL THICKNESS

0.250"

ASTM A53-B

GRADO :
GRADE :

ASTM A53-B

PRESSION HIDROSTATICA:
HYDROSTATIC TEST:

58 Kg/cm²

820 PSI

CLIENTE: PLESA ANAHUAC Y CIA. S.A. DE C.V.

CUSTOMER:

PEDIDO CLIENTE/P.O.

PEDIDO INTERNO/ I.O.

PARTIDA (S)

ITEMS

75489-10 / 93322-20 / 64661-10 / 91635-10

HIDROSTATICA:

58 Kg/cm²

PRESSION HIDROSTATICA:

58 Kg/cm²

820 PSI

NUMERO
NUMBER

PTM-71346-2

FECHA
DATE

MAYO 27, 2008

**PRUEBAS DE TENSION
TENSILE TEST**

CHEMICAL ANALISES PERCENT WEIGHT

NOM/PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEUT YSTS	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N
35-10 Tc TS	164901	52 118	66 381 71 086	35	0.79	0.160	0.79	0.022	0.008	0.004	0.004	0.005	0.174	0.010	0.034	0.003	0.020	0.030	0.006	0.0042
5-15 Tc TS	180752	48 987	62 648 68 960	38	0.78	0.122	0.81	0.016	0.004	0.001	0.003	0.004	0.284	0.020	0.034	0.0020	0.030	0.020	0.005	0.0049
2-8 Tc TS	180754	50 417	62 710 68 694	40	0.80	0.143	0.78	0.018	0.005	0.001	0.003	0.005	0.307	0.010	0.036	0.0015	0.030	0.020	0.004	0.0063
9-24 Tc TS	252103	65 029	77 482 82 774	35	0.84	0.107	1.17	0.011	0.003	0.026	0.003	0.007	0.270	0.030	0.035	0.0022	0.020	0.030	0.007	0.0053
58-16 Tc TS	265192	50 128	64 450 70 403	37	0.78	0.143	0.83	0.020	0.007	0.001	0.005	0.002	0.124	0.010	0.032	0.002	0.020	0.030	0.004	0.0060
70-13 Tc TS	265302	55 721	66 594 72 595	33	0.84	0.146	0.79	0.015	0.007	0.001	0.004	0.002	0.145	0.030	0.027	0.002	0.020	0.030	0.005	0.0024
12-21 Tc TS	278085	51 429	64 762 66 330	35	0.79	0.147	0.81	0.014	0.008	0.003	0.003	0.004	0.260	0.020	0.025	0.002	0.020	0.002	0.020	0.0090
3-7 Tc TS	278086	53 986	70 841 71 702	35	0.76	0.135	0.83	0.016	0.007	0.003	0.004	0.004	0.307	0.010	0.033	0.002	0.020	0.002	0.020	0.0080
16-7 Tc TS	278087	51 522	65 849 65 993	38	0.78	0.129	0.80	0.014	0.005	0.001	0.002	0.004	0.300	0.010	0.036	0.002	0.020	0.002	0.020	0.0060
7-11 Tc TS	278088	53 187	71 181 72 665	36	0.75	0.117	0.79	0.010	0.004	0.003	0.002	0.005	0.289	0.010	0.035	0.002	0.010	0.002	0.020	0.0110
4-8 Tc TS	280724	51 347	63 264 69 218	38	0.81	0.110	0.70	0.017	0.005	0.001	0.004	0.005	0.281	0.020	0.036	0.002	0.040	0.020	0.005	0.0046
12-9 Tc TS	280725	50 610	65 766 69 177	34	0.76	0.118	0.78	0.019	0.007	0.001	0.003	0.005	0.300	0.010	0.027	0.002	0.020	0.020	0.004	0.0056
14-26 Tc TS	280726	52 307	63 184 69 928	40	0.82	0.117	0.80	0.014	0.005	0.001	0.003	0.005	0.300	0.020	0.034	0.002	0.020	0.020	0.005	0.0052

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 -06

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