



PLM-005-7

PROCARSA, S.A. DE C.V.

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

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: PLESA ANAHUAC Y CIAS, S.A. DE C.V.

NUMERO: PTM-71091-2008

CUSTOMER:

PEDIDO CLIENTE/P.O. 1318

PARTIDA(S)

ITEMS

88284-80 / 93322-20 / 64661-10 / APM-02-07

DIAMETRO : 12.3/4"

ESPESOR DE PARED
WALL THICKNESS

0.250"

GRADO :
GRADE :

ASTM A53-B

PRESION HIDROSTATICA:
HYDROSTATIC TEST:

58 Kg/cm²

820 PSI

TENSILE TEST


CHEMICAL ANALYSES PERCENT WEIGHT

NOMPROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2" %	LEUCO YEATS	C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
4-8 TC TS	170442	51 162	65 434 67 481	39	0.78	0.121	0.76	0.011	0.005	0.001	0.003	0.004	0.282	0.020	0.044	0.0021	0.020	0.020	0.006	0.0085	
5-15 TC TS	180752	48 987	62 648 66 960	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	
11-29 TC TS	180753	51 020	65 439 68 678	38	0.77	0.113	0.80	0.019	0.004	0.001	0.003	0.005	0.303	0.010	0.035	0.002	0.020	0.020	0.005	0.0052	
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	
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	0.0015	0.020	0.020	0.005	0.0052	
4-5 TC TS	720128	55 115	71 649 78 658	38	0.77	0.194	0.72	0.010	0.005	-	-	-	0.127	-	0.029	-	-	-	-	-	

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


INES FERRNANDO OSORIO PEREZ
GERENTE DE ASEGURAMIENTO DE CALIDAD
QUALITY ASSURANCE MANAGER