



FLM-005-7

PROCARSA, S.A. DE C.V.

380740

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

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

CLIENTE: TUCOTA
CUSTOMER:

NUMERO
NUMBER

PEDIDO CLIENTE / P.O.

PEDIDO INTERNO / I.O. 11156

PARTIDA (S)

ITEMS 41502-10

FECHA
DATE

DIAMETRO : 18"
ESPESOR DE PARED
WALL THICKNESS

0.250"

GRADO :
GRADE :

ASTM A53-B

PRESSION HIDROSTATICA:
HIDROSTATIC TEST:

41 Kg/cm²

580 PSI

TENSILE TEST

CHEMICAL ANALYSES PERCENT WEIGHT

NUMERO/ETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEMIT Y.S.T.S	C	Mn	P	S	CB	V	Ti	Si	Cu	Al	Ca	Cr	Ni
11-12 Tc Ts	127513	47 026	69 986	37	0.67	0.175	1.10	0.022	0.008	0.002	0.005	0.004	0.194	0.029	0.040	0.0012	0.026	0.030
13-10 Tc Ts	127514	50 880	72 882	35	0.70	0.180	1.08	0.021	0.008	0.001	0.004	0.004	0.203	0.023	0.035	0.00030	0.021	0.032
6-10 Tc Ts	127515	47 333	71 676	36	0.66	0.175	1.07	0.016	0.007	0.002	0.004	0.003	0.190	0.011	0.045	0.0028	0.019	0.019

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

ING. FERNANDITO...
[Signature]