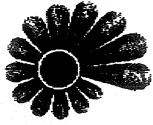


FLM-005-7



PROCARSA, S.A. DE C.V.

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

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

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

CUSTOMER:

PEDIDO CLIENTE / P.O.

PEDIDO INTERNO / I.O. 1574

PARTIDA (S)

ITEMS 80825-10

NUMERO PTM-75679C-2009
NUMBERFECHA
DATE SEPTIEMBRE 17, 2009DIAMETRO :
DIAMETER : 6 5/8"ESPESOR DE PARED
WALL THICKNESS 0.432"GRADO :
GRADE : ASTM A53-BPRESION HIDROSTATICA:
HIDROSTATIC TEST: 193 Kg/cm² 2740 PSI
**PRUEBAS DE TENSION
TENSILE TEST**
**ANALISIS QUIMICO % EN PESO
CHEMICAL ANALYSES PERCENT WEIGHT**

NUM. PROBETA DESCRIPTION	COLADA HEAT	LIBRETE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEALT Y.S.T.S	C	Mn	P	S	Ch	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
82A-7 Lc	169302	59 359	66 819	39	0.89	0.127	0.78	0.014	0.004	0.001	0.005	0.005	0.288	0.010	0.032	0.0032	0.020	0.030	0.004	0.0080	
30B-7 Lc	269321	57 991	66 320	35	0.87	0.128	0.80	0.006	0.005	0.001	0.001	0.003	0.311	0.030	0.036	0.0027	0.020	0.030	0.006	0.0050	

CERTIFICAMOS QUE LA TUBERIA AQUÍ 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 -06

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