

ESPESOR DE PARED
WALL THICKNESS

0.406"

GRADO :
GRADE :

ASTM A53-B

PRUEBAS DE TENSION
TENSILE TEST

NUM. PROBETA DESCRIPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 2"	LEUIT V.S.T.S
3-5 Tc Ts	153309	53 540	69 618 70 484	36	0.77
5-5 Tc Ts	153310	54 773	70 707 71 287	35	0.77
4-1 Tc Ts	153314	54 078	71 217 71 962	36	0.76
1-5 Tc Ts	156462	53 871	70 447 71 370	36	0.76
4-1 Tc Ts	156464	53 071	69 489 70 908	37	0.76
19-5 Tc Ts	256625	54 918	71 032 71 554	36	0.75
16-2 Tc Ts	256631	53 687	70 392 72 466	37	0.76

ANALISIS QUIMICO % EN PESO
CHEMICAL ANALYSES PERCENT WEIGHT

C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mo	N	Ceq
0.167	1.09	0.021	0.008	0.001	0.005	0.004	0.181	0.030	0.039	0.0022	0.020	0.030	0.007	0.0070	-
0.169	1.06	0.016	0.004	0.001	0.005	0.003	0.175	0.020	0.037	0.0011	0.020	0.030	0.007	0.0054	-
0.180	1.12	0.018	0.009	0.001	0.004	0.003	0.160	0.030	0.038	0.0017	0.020	0.030	0.011	0.0066	-
0.170	1.08	0.019	0.007	0.003	0.005	0.005	0.170	0.040	0.029	0.0025	0.020	0.030	0.005	0.0036	-
0.174	1.11	0.016	0.008	0.005	0.005	0.005	0.163	0.030	0.033	0.0021	0.020	0.030	0.005	0.0052	-
0.159	1.13	0.017	0.006	0.004	0.004	0.004	0.160	0.020	0.025	0.0023	0.020	0.030	0.006	0.0070	-
0.150	1.11	0.020	0.005	0.004	0.004	0.005	0.177	0.030	0.038	0.0017	0.020	0.030	0.006	0.0069	-

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

ASTM A53-B -02

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

ING. FERNANDO SOTO PEREZ
GERENTE DE ASEGURAMIENTO DE CALIDAD
QUALITY GUARANTEE MANAGER