



PROCARSA, S.A. DE C.V.

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

QUALITY CERTIFICATE OF TEST PHYSICALS-CHEMICAL

S12360

DIAMETRO: 12 3/4" ESPESOR DE PARED: 0.312"  
DIAMETER: 12 3/4" WALL THICKNESS: 0.312"

GRADO: API 5L X-42  
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CLIENTE: TUCOTA  
CUSTOMER: TUCOTA

PEDIDO CLIENTE / P.O. 11073  
PEDIDO INTERNO / I.O. 11073  
PARTIDA (S) XB119-2  
ITEMS XB119-2

FECHA: S  
DATE: S

PRUEBAS DE TENSION  
TENSILE TEST

PRESSION HIDROSTATICA: 123 Kg/cm<sup>2</sup> 1750 PSI  
HIDROSTATIC TEST: 123 Kg/cm<sup>2</sup> 1750 PSI

NUM. PROBE TA DESCRPTION	COLADA HEAT	LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. 1"	LEULT Y.S.T.S	CHEMICAL ANALYSES PERCENT WEIGHT												
						C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni
6-13 Tc TS	287289	70 584	77 001 75 008	36	0.92	0.097	0.85	0.015	0.012	0.022	-	-	0.013	-	0.034	0.0012	-	-

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:

API SPECIFICATION 5L

FORTY-SECOND EDITION, JANUARY, 2000

EFFECTIVE DATE: JULY 1, 2000

ING. FERNANDO ROSARIO PEREZ  
GERENTE DE ASSEGURAMIENTO DE CALIDAD