



# APM Division de: IMSA-MEX, SA DE CV

Reference: Miprcert1e.Rpt  
Date: 29 Sep 2004

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## TEST CERTIFICATE No. MTY 603625

**Ship from:**

APM Division de: IMSA-MEX, SA DE CV

Churubusco #1000  
Col. Santa Fé

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P/O No. 100000532

S/O No. MTY 61507 / 2

B/L No. MTY 582891 / 1

Inv No. MTY

Shp. 29/09/2004

9047

**Sold to:**

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PLESA ANAHUAC Y CIA. S.A. DE C.V.  
AV. VALLE DE LAS ALAMEDAS # 66-O

COL. SAN FRANCISCO CHILPAN

TULTITLAN. EDO. DE MEXICO

RFC: PAC-040303-UY6 CP 54940

**Ship to:**

PLESA ANAHUAC Y CIA. S.A. DE C.V.  
AV. VALLE DE LAS ALAMEDAS # 66-O

COL. SAN FRANCISCO CHILPAN

TULTITLAN. EDO. DE MEXICO

RFC: PAC-040303-UY6 CP 54940

### CERTIFICATE OF ANALYSIS AND TEST

Cert. No. MTY 603625

RCT0.250X36.00-APMC36 20T

R. ACE. ROL. EN CAL TEMP.ASTM A36

GaN 6.35 mm x Ancho 915 mm (GaN 0.2500 in. x Ancho X36.00-APMC36 20T in.)

Heat	Properties	Tag	Pcs.	Weight
CA0464683	PCED=53.5-53.5[PCED=369.00(0.00-0.00)] / RTEN=70.2-70.2[RTEN=484.18(0.00-0.00)] / %ELON=31-31 / APRO=<JIMENEZ> / MILLS=<0000000341> THICKNESS=6.3630	740258B	1	16,610

1

16,610

Heat	**** Chemical Analysis ****
CA0464683	C=0.18 Mn=0.67 Si=0.1615 P=0.015 S=0.006 Al=0.059

THE MECHANICAL TESTS RESULTS ARE IN KPSI [MPa] AND THE PERCENT OF ELONGATION IS IN 2" OF CALIBRATED LENGTH. FOR ANY QUESTION WE JUST ACCEPT THEM FROM THE CUSTOMER ABOVE MENTIONED AND WITH THE ORIGINAL DOCUMENT. WE HEREBY CERTIFY THAT THE INFORMATION HERE REPORTED IS CORRECT AND EXIST IN THE FILES OF THE COMPANY.

The equipment and test methods used for to get the results above described as apply, are as follows:

Hardness-ASTM E 18-02, JIS Z 2245-Hardness Tester-LA-E-0002.LA-E-0003

Cup Erichsen Test- ASTM E 643-84(2000)- T.O. Cup Tester-LA-E-0005

Tensile Test-ASTM E 8-01,ASTM A 370-01, ASTM E-517-01, ASTM E-646-00, DIN 10002-1, DIN 10130, JIS Z 2241, JIS Z 2201, JIS Z 2253, JIS Z 2254

Bend Test- ISO7438, JIS Z 2248, JIS Z 2204

- T.O.Tensile Machine-LA-E-0001, LA-E-0083

Grain Size- ASTM E 112-96,-Metallurgical Microscope Nikon LA-E-0006

LABORATORY'S CHIEF

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