



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

Reference: Miprcert1e.Rpt  
Date: 29 Jul 2004

Page: 1 of 1

## TEST CERTIFICATE No. MTY 588151

**Ship from:**

APM Division de: IMSA-MEX, SA DE CV

Churubusco #1000  
Col. Santa Fé

Monterrey, Nuevo León 64540  
Tel. 8329-5000 Fax: 8329-5024

P/O No. 100000304

S/O No. MTY 59579 / 4

B/L No. MTY 567083 / 1

Inv No. MTY

A5888

Shp. 29/07/2004

**Sold to:**

(1269)

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 588151

004166 RCTDAM0.250X48.00-1010

R.C.TEMP.DEC.ACEIT.O.M. SAE-1010

GaN 6.35 mm x Ancho 1220 mm (GaN 0.2500 in. x Ancho X48.00-1010 in.)

Heat	Properties	Tag	Pcs.	Weight
0442362	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.1091->/MILLS=<0000000500> THICKNESS=●3520	719311C	1	9,773

1

9,773

Heat	**** Chemical Analysis ****
0442362	C=0.097 Mn=0.333 Si=0.0125 P=0.0115 S=0.006 Al=0.0414

THE MECHANICAL TESTS RESULTS ARE IN PSI 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