



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

Reference: Miprcert1e.Rpt  
Date: 1 Aug 2004

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## TEST CERTIFICATE No. MTY 589775

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. 100000297

S/O No. MTY 59575 / 2

B/L No. MTY 568529 / 1

Inv No. MTY

A6070

Shp. 31/07/2004

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 589775

002137 RCT0.312X60.000-APMA36

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

GaN 7.94 mm x Ancho 1524 mm (GaN 0.3125 in. x Ancho 60.000 in.)

002137

Heat	Properties	Tag	Pcs.	Weight
0431870	PCED=41.7-42.1/RTEN=66.1-66.7/%ELON=34.9-36.2/APRO=<JAJ>/MILLS=<0000000106> THICKNESS=7.9500	722261B	1	12,880

1

12,880

Heat	**** Chemical Analysis ****
0431870	C=0.177 Mn=0.647 Si=0.213 P=0.0053 S=0.005 Al=0.0432

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