



APM Division de: IMSA-MEX, SA DE CV

Reference: Miprcert1e.Rpt
Date: 29 Jul 2004

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TEST CERTIFICATE No. MTY 588158

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. 100000014

S/O No. MTY 58282 / 1

B/L No. MTY 567088 / 1

Inv No. MTY

Shp. **A5889**
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 588158

RCT0.250X60.00-APM50M 7-20T

R. ACE. ROL. EN CAL TEMP.ASTM A572 GR. 50

GaN 6.35 mm x Ancho 1524 mm (GaN 0.2500 in. x Ancho X60.00-APM50M 7-20T in.)

PLA-A572/50-1.4-ROLL4

Heat	Properties	Tag	Pcs.	Weight
0411279	PCED=69.2-69.2/RTEN=77.9-77.9/%ELON=28.6-28.6/APRO=<JIMENEZ>/MILLS=<0000000157> THICKNESS=6.3600	722359B	1	12,890
0421875	PCED=69.8-69.8/RTEN=78.6-78.6/%ELON=33.2-33.2/APRO=<JAESTRAD>/MILLS=<0000000194> THICKNESS=6.3640	722362B	1	12,840

2

25,730

Heat

****** Chemical Analysis ******

0411279

C=0.08 Mn=0.976 Si=0.0211 P=0.0111 S=0.006 Al=0.0343

0421875

Al=0.0359 C=0.08 Mn=0.97
P=0.013 S=0.004 Si=0.037

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