



APM Division de: IMSA-MEX, SA DE CV

Reference: Miprcert1e.Rpt
Date: 14 Jul 2004

Page: 1 of 2

TEST CERTIFICATE No. MTY 584784

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 563577 / 1

Inv No. MTY

A5371

Shp. 13/07/2004

Sold to:

(1269)

PLESA ANAHUAC Y CIA. S.A. DE C.V.
AV. VALLE DE LAS ALAMEDAS # 66-0

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 # 66-0

COL. SAN FRANCISCO CHILPAN

TULTITLAN. EDO. DE MEXICO

RFC: PAC-040303-UY6 CP 54940

CERTIFICATE OF ANALYSIS AND TEST

Cert. No. MTY 584784

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
0411668	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.1093->/MILLS=<0000000500> THICKNESS=6.3560	718835C	1	10,615
SA0642481	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.1089->/MILLS=<0000000500> THICKNESS=6.3520	718836C	1	8,250
SA0642481	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.1089->/MILLS=<0000000500> THICKNESS=6.3520	718836D	1	9,675
0442362	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.1091->/MILLS=<0000000500> THICKNESS=6.3520	719311D	1	10,860

4

39,400

Heat	**** Chemical Analysis ****
0411668	C=0.0922 Mn=0.347 Si=0.0133 P=0.0139 S=0.0059 Al=0.0376
0442362	C=0.097 Mn=0.333 Si=0.0125 P=0.0115 S=0.006 Al=0.0414
SA0642481	C=0.1 Mn=0.33 Si=0.013 P=0.009 S=0.003 Al=0.031



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Page: 2 of 2

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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