



APM Division de: IMSA-MEX, SA DE CV

Reference: Miprcert1e.Rpt
Date: 28 May 2004

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A 3052

TEST CERTIFICATE No. MTY 575142

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. 100000013
S/O No. MTY 58281 / 3
B/L No. MTY 553672 / 1
Inv No. MTY

Shp. 28/05/2004

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 575142

004010 RFNA0.060X36.00-1008
R.FRIO REC.TEM. NIV.ACEITSAE-1008
GaN 1.52 mm x Ancho 915 mm (GaN 0.0598 in. x Ancho X36.00-1008 in.)
004010

Heat	Properties	Tag	Pcs.	Weight
0411095	HRB/APRO=<JOE>/ THICKNESS=1.5510	705580G	1	7,000
0431580-1	HRB/APRO=<RIS>/CLHIN=<0000000090>/CLHOT=<0000000090>/CLTIN=<0000000090>/CLTOT=<0000000090>/MILLS=<0000000300> THICKNESS=1.5490	705582G	1	6,766
0431580-1	HRB/APRO=<RIS>/CLHIN=<0000000090>/CLHOT=<0000000090>/CLTIN=<0000000090>/CLTOT=<0000000090>/MILLS=<0000000300> THICKNESS=1.5490	705582H	1	6,940

3

20,706

Heat	**** Chemical Analysis ****
0411095	C=0.052 Mn=0.215 Si=0.0116 P=0.0044 S=0.01 Al=0.0498
0431580-1	Al=0.05 C=0.055 Mn=0.204 P=0.0034 S=0.007 Si=0.0172



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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- 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

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

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

Non Metalic Inclusions-ASTM E 45-97 - Metallurgical Microscope Nikon LA-E-0006

Magetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058

LABORATORY'S CHIEF