



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 560207

5294A

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. 100000093
S/O No. MTY 55518 / 4
B/L No. MTY
Inv No. MTY 537825 / 2

Ship. 24/03/2004

Sold to: (924)
PLESA ANAHUAC.S.A. DE C.V
AV. VALLE DE LAS ALAMEDAS # 66-A
COL. SAN FRANCISCO CHILPAN
TULTITLAN. EDO. DE MEXICO
RFC: PAN-810423-7L9 CP 54940

Ship to:
PLESA ANAHUAC.S.A. DE C.V
AV. VALLE DE LAS ALAMEDAS # 66-A
COL. SAN FRANCISCO CHILPAN
TULTITLAN. EDO. DE MEXICO
RFC: PAN-810423-7L9 CP 54940

CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 560207

002031 RCTDAM0.105X48.00-1010
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010
GaN 2.67 mm x Ancho 1220 mm (GaN 0.1050 in. x Ancho X48.00-1010 in.)
002031

Heat	Tag	Pcs.	Weight
0410397 FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0221->/MILLS=<0000000500> THICKNESS=2.6650	689404C	1	10,732
0410397 FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0221->/MILLS=<0000000500> THICKNESS=2.6650	689404D	1	9,832
0420526 FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0310->/MILLS=<0000000500> THICKNESS=2.6630	689406C	1	9,950

3

30,514

Heat	**** Chemical Analysis ****
0410397	C=0.09 Mn=0.3319 Si=0.0154 P=0.0086 S=0.005 Al=0.0497
0420526	C=0.091 Mn=0.335 Si=0.0138 P=0.0082 S=0.006 Al=0.0469

APM Division de: IMSA-MEX, SA DE CV

Page: 2 of 2



TEST CERTIFICATE No. MTY 560207

5294A

THE MECHANICAL TESTS RESULTS ARE IN KPSI 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 Metallic Inclusions-ASTM E 45-97 - Metallurgical Microscope Nikon LA-E-0006
 - Magnetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058
 - Chemical Analysis -ASTM E 415-95 A- Optical Emission Spectrometer
- The uncertainty by equipment as apply is documented in the calibration report.

A handwritten signature in black ink, appearing to be 'M. J. ...', is written over a horizontal line.

LABORATORY'S CHIEF