



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

Reference: Miprcert1e.Rpt  
Date: 30 Mar 2004

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## TEST CERTIFICATE No. MTY 561560

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 / 1  
B/L No. MTY 539426 / 1  
Inv No. MTY

5341A

Shp. 30/03/2004

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 561560

002049 RCTDAM0.075X36.00-1010  
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010  
GaN 1.91 mm x Ancho 915 mm (GaN 0.0750 in. x Ancho X36.00-1010 in.)

002049

Heat	Properties	Tag	Pcs.	Weight
0440872	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0124->/MILLS=<0000000217> THICKNESS=1.9040	690828D	1	7,250
0440872	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0124->/MILLS=<0000000217> THICKNESS=1.9040	690828E	1	7,545

2

14,795

Heat	**** Chemical Analysis ****
0440872	C=0.098 Mn=0.36 Si=0.0034 P=0.0096 S=0.007 Al=0.0334

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 Metallic 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