



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

Reference: Miprcert1e.Rpt  
Date: 5 Jul 2004

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## TEST CERTIFICATE No. MTY 582904

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 / 1  
B/L No. MTY 561736 / 1  
Inv No. MTY

Shp. 05/07/2004

A5099

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

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TULTITLAN. EDO. DE MEXICO  
RFC: PAC-040303-UY6 CP 54940

### CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 582904

RCTDAM0.187X36.00-1010 11T  
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010  
GaN 4.76 mm x Ancho 915 mm (GaN 0.1875 in. x Ancho 36.00 in.)

Heat	Properties	Tag	Pcs.	Weight
0411669	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0094->/MILLS=<0000000500> THICKNESS=4.7640	717683D	1	8,130

1 8,130

Heat	**** Chemical Analysis ****
0411669	C=0.0983 Mn=0.338 Si=0.0166 P=0.0078 S=0.0074 Al=0.0469

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