

68039

Reference: Miprcert1e.Rpt  
Date: 29 Mar 2004



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

Page: 1 of 1

## TEST CERTIFICATE No. MTY 559632

5152

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. 100000089  
S/O No. MTY 56019 / 3  
B/L No. MTY  
Inv No. MTY 537232 / 1

Ship. 22/03/2004

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 559632

002034 RCT0.105X48.00-1010  
R. ACE. ROL. EN CAL TEMP. SAE-1010  
GaN 2.67 mm x Ancho 1220 mm (GaN 0.1050 in. x Ancho X48.00-1010 in.)  
002034

Heat	Tag	Pcs.	Weight
0420523 HRB=63/APRO=<JOE>/MILLS=<0000000109>/ THICKNESS=2.6970	686808C	1	8,180
0420523 HRB=63/APRO=<JOE>/MILLS=<0000000118>/ THICKNESS=2.6970	686808D	1	12,035

2      20,215

Heat	**** Chemical Analysis ****
0420523	C=0.098 Mn=0.3459 Si=0.0086 P=0.0099 S=0.0064 Al=0.0467

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.

LABORATORY'S CHIEF