



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

## TEST CERTIFICATE No. MTY 560169

5347

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 / 3  
B/L No. MTY  
Inv No. MTY 537865 / 2

Shp. 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 560169

002027 RCTDAM0.105X36.00-1010  
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010  
GaN 2.66 mm x Ancho 915 mm (GaN 0.1047 in. x Ancho X36.00-1010 in.)  
002027

Heat	Tag	Pcs.	Weight
0430634 HRB=65/APRO=<JAJ>/MILLS=<0000000050>/ THICKNESS=2.6850	686853C	1	8,104
0420625 HRB=66/APRO=<JAJ>/MILLS=<0000000075>/ THICKNESS=2.6830	686855C	1	7,520
0420625 HRB=66/APRO=<JAJ>/MILLS=<0000000075>/ THICKNESS=2.6830	686855D	1	8,410

3

24,034

Heat	**** Chemical Analysis ****
0420625	C=0.08 Mn=0.333 Si=0.0171 P=0.0079 S=0.006 Al=0.0511
0430634	C=0.089 Mn=0.315 Si=0.0094 P=0.0074 S=0.007 Al=0.0281



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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. M. V.', is written over a horizontal line.

LABORATORY'S CHIEF