



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

## TEST CERTIFICATE No. MTY 626322

Ship from:  
 APM Division de: IMSA-MEX, SA DE CV  
 Churubusco #1000  
 Col. Santa Fé  
 Monterrey, Nuevo León 64540  
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P/O No. 100000840  
 S/O No. MTY 63712 / 3  
 B/L No. MTY 606621 / 1  
 Inv No. MTY

Shp. 08/01/2005

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

Ship to:  
 PLESA ANAHUAC Y CIA. S.A. DE C.V.  
 AV. VALLE DE LAS ALAMEDAS # 66-O  
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### CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 626322

004018 RFNA0.036X36.00-1008  
 R.FRIO REC.TEM. NIV.ACEIT SAE-1008  
 GaN 0.91 mm x Ancho 915 mm (GaN 0.0359 in. x Ancho X36.00-1008 in.)  
 004018

| Heat    | Properties   | Tag     | Pcs. | Weight |
|---------|--|---------|------|--------|
| 0424932 | HRB=50/APRO=<RIS>/CLHIN=<0000000090>/CLHOT=<0000000090>/CLNIN=<0000000090>/CLNOT=<0000000090>/CLTIN=<0000000090><br>THICKNESS=0.9300 | 769263G | 1    | 6,656  |
| 0444663 | HRB=47/APRO=<RIS>/CLHIN=<0000000090>/CLHOT=<0000000090>/CLNIN=<0000000090>/CLNOT=<0000000090>/CLTIN=<0000000090><br>THICKNESS=0.9300 | 769275H | 1    | 5,190  |

**2**      **11,846**

| Heat    | **** Chemical Analysis ****                           |
|---------|---|
| 0424932 | C=0.059 Mn=0.228 Si=0.0201 P=0.0092 S=0.004 Al=0.0322 |
| 0444663 | C=0.05 Mn=0.206 Si=0.0149 P=0.0074 S=0.006 Al=0.0447  |

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, JIS Z 2245-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, DIN 10002-1,  
 DIN 10130, JIS Z 2241, JIS Z 2201, JIS Z 2253, JIS Z 2254  
 Bend Test- ISO7438, JIS Z 2248, JIS Z 2204  
 - T.O Tensile Machine-LA-E-0001, LA-E-0083  
 Grain Size- ASTM E 112-96,-Metallurgical Microscope Nikon LA-E-0006

LABORATORY'S CHIEF