



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

## TEST CERTIFICATE No. MTY 583369

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. 100000297  
S/O No. MTY 59575 / 3  
B/L No. MTY 562224 / 2  
Inv No. MTY

A5650-1  
Shp. 06/07/2004

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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PLESA ANAHUAC Y CIA. S.A. DE C.V.  
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### CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 583369

002151 RC0.500X36.000-APMC36  
ROLLO DE AC. ROL. EN CAL.ASTM A36  
GaN 12.70 mm x Ancho 924 mm (GaN 0.5000 in. x Ancho X36.000-APMC36 in.)

002151

Heat	Properties	Tag	Pcs.	Weight
0441507	PCED=45.9-45.9/RTEN=70.1-70.1/%ELON=38.8-38.8/APRO=<JAESTRAD> THICKNESS=12.7110	718665A	1	15,825

1

15,825

Heat	**** Chemical Analysis ****
0441507	C=0.182 Mn=0.666 Si=0.191 P=0.0152 S=0.001 Al=0.0414

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