



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

TEST CERTIFICATE No. MTY 577687

A3389

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. 100000014

S/O No. MTY 58282 / 3

B/L No. MTY 556218 / 1

Inv No. MTY

Shp. 08/06/2004

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

Ship to:

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

CERTIFICATE OF ANALYSIS AND TEST

Cert. No. MTY 577687

RCT0.250X48.00-APM50M 7-20T

R. ACE. ROL. EN CAL TEMP. GRADO ASTM A-572 G5

GaN 6.35 mm x Ancho 1220 mm (GaN 0.2500 in. x Ancho X48.00-APM50M 7-20T in.)

PLA-A572/50-1.4-ROLL4

Heat	Properties	Tag	Pcs.	Weight
0430955	PCED=66.8-66.8[PCED=460.73(0.00-0.00)] / RTEN=78.5-78.5[RTEN=541.43(0.00-0.00)] / %ELON=30-30 / APRO=<JAESTRAD> / MILLS=<0000000500> THICKNESS=6.3590	709226B	1	18,320

1      18,320

Heat	**** Chemical Analysis ****
0430955	C=0.08 Mn=0.903 Si=0.019 P=0.0095 S=0.0051 Al=0.0391

THE MECHANICAL TESTS RESULTS ARE IN KPSI [MPa] 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