



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

## TEST CERTIFICATE No. MTY 634963

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. 100000946  
S/O No. MTY 64718 / 1  
B/L No. MTY 615542 / 1  
Inv No. MTY

Shp. 14/02/2005

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

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### CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 634963

RCT0.312X48.00-A50HCT 20T  
R. ACE. ROL. EN CAL TEMP.SAE J1392 GR.50 HCT  
GaN 7.94 mm x Ancho 1220 mm (GaN 0.3125 in. x Ancho 48.00 in.)

Heat	Properties	Tag	Pcs.	Weight
0540007	PCED=57.5-57.5[PCED=396.47(396.47-396.47)] / RTEN=65.2-65.2[RTEN=449.56(449.56-449.56)] / %ELON=36-36 / APRO=<ALLOPEZ> / MILLS=<0000000250> THICKNESS=7.9350	779762B	1	20,458

**1**      **20,458**

Heat	**** Chemical Analysis ****
0540007	C=0.066 Mn=0.542 Si=0.0212 P=0.0074 S=0.004 Al=0.0351

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, 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

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