



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 560170

5347A

Ship from:
APM Division de: IMSA-MEX, SA DE CV

P/O No. 100000093
S/O No. MTY 55518 / 4
B/L No. MTY
Inv No. MTY 537865 / 3

Churubusco #1000
Col. Santa Fé
Monterrey, Nuevo León 64540
Tel. 8329-5000 Fax: 8329-5024

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

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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 560170

002031 RCTDAM0.105X48.00-1010
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010
GaN 2.67 mm x Ancho 1220 mm (GaN 0.1050 in. x Ancho X48.00-1010 in.)

002031

Heat	Tag	Pcs.	Weight
0420526	689406D	1	10,548
FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0310>/MILLS=<0000000500> THICKNESS=2.6630			

1 10,548

Heat	**** Chemical Analysis ****
0420526	C=0.091 Mn=0.335 Si=0.0138 P=0.0082 S=0.006 Al=0.0469

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.

LABORATORY'S CHIEF