

APM Division de: IMSA-MEX, SA DE CV



TEST CERTIFICATE No. MTY 635236

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

P/O No. 100000946

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

S/O No. MTY 64711 / 1
B/L No. MTY 615862 / 1
Inv No. MTY

Shp. 15/02/2005

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

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 635236

004020 RFNA0.030X36.00-1008
R.FRIO REC.TEM. NIV.ACEITSAE-1008
GaN 0.76 mm x Ancho 915 mm (GaN 0.0299 in. x Ancho X36.00-1008 in.)
004020

Heat	Properties	Tag	Pcs.	Weight
XH4723633	HRB=53/APRO=<DCG>/ THICKNESS=0.7750	777949G	1	7,240
XH4723633	HRB=53/APRO=<DCG>/ THICKNESS=0.7750	777949H	1	7,006
0520128	HRB=41/APRO=<RIS>/CLHIN=<0000000090>/CLHOT=<0000000090>/CLNIN=<0000000090>/CLNOT=<0000000090>/CLTIN=<0000000090> THICKNESS=0.7750	778485G	1	6,990

3 **21,236**

Heat	**** Chemical Analysis ****
0520128	C=0.0501 Mn=0.182 Si=0.0194 P=0.0098 S=0.0068 Al=0.0513
XH4723633	Al=0.038 C=0.08 Mn=0.33 P=0.009 S=0.007 Si=0.03

100 12 2 15 04



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Reference: Miprcert1e.Rpt
Date: 15 Feb 2005

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MECHANICAL TESTS RESULTS ARE IN PSI AND THE PERCENT OF ELONGATION IS IN 2" OF CALIBRATED LENGTH.
ANY QUESTION WE JUST ACCEPT THEM FROM THE CUSTOMER ABOVE MENTIONED AND WITH THE ORIGINAL DOCUMENT.
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

FEB 12 8 10 AM