



APM Division de: IMSA-MEX, SA DE CV

Reference: Miprcert1e.Rpt
Date: 19 Sep 2004

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TEST CERTIFICATE No. MTY 601020

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. 100000532
S/O No. MTY 61507 / 1
B/L No. MTY 580200 / 1
Inv No. MTY

Shp. 19/09/2004

8550-1

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:
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AV. VALLE DE LAS ALAMEDAS # 66-O
COL. SAN FRANCISCO CHILPAN
TULTITLAN. EDO. DE MEXICO
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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 601020

RCTDAM0.120X36.00-1010 11T
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010
GaN 3.05 mm x Ancho 915 mm (GaN 0.1200 in. x Ancho X36.00-1010 11T in.)

Heat	Properties	Tag	Pcs.	Weight
CA0454506	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0096>/MILLS=<0000000440>/CLHIN=<0000000090>/CLHOT=<0000000090> THICKNESS=3.0450	739973D	1	7.838
CA0454506	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0096>/MILLS=<0000000440>/CLHIN=<0000000090>/CLHOT=<0000000090> THICKNESS=3.0450	739973E	1	8.524

2

16,362

Heat	**** Chemical Analysis ****
CA0454506	C=0.09 Mn=0.35 Si=0.0167 P=0.02 S=0.008 Al=0.034

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, 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