



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 595015

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. 100000378
S/O No. MTY 60270 / 1
B/L No. MTY 573932 / 1
Inv No. MTY

A7283
Shp. 26/08/2004

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

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TULTITLAN. EDO. DE MEXICO
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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 595015

RFRB0.105X48.00-BKH 1008
R.A.C.R.FRIO.REC.TEM BRILLSAE-1008
GaN 2.67 mm x Ancho 1220 mm (GaN 0.1050 in. x Ancho X48.00-BKH 1008 in.)

Heat	Properties	Tag	Pcs.	Weight
0432386	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0657->/MILLS=<0000000050>/CLHIN=<0000000090>/CLHOT=<0000000090> THICKNESS=2.7170	729989E	1	10,712
0432386	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0654->/MILLS=<0000000050>/CLHIN=<0000000090>/CLHOT=<0000000090> THICKNESS=2.7150	729990E	1	8,394
0432005	FTEMP/CTEMP/XRAY=<0.975>/CROWN=<0.0684->/MILLS=<0000000050>/CLHIN=<0000000090>/CLHOT=<0000000090> THICKNESS=2.7150	729999E	1	11,560

3 **30,666**

Heat	**** Chemical Analysis ****
0432005	C=0.064 Mn=0.17 Si=0.0103 P=0.0063 S=0.011 Al=0.0399
0432386	C=0.052 Mn=0.183 Si=0.0083 P=0.0093 S=0.0036 Al=0.0407

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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

A handwritten signature in black ink, appearing to be 'M. J. ...', is written over a horizontal line.

LABORATORY'S CHIEF

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