



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 628330

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. **DB180105**
S/O No. **MTY 64618 / 2**
B/L No. **MTY 608705 / 1**
Inv No. **MTY**

Shp. **19/01/2005**

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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COL. SAN FRANCISCO CHILPAN
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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 628330

.0359 .911MM.CAL.20 - 1008
GaN 0.93 mm x Ancho 982 mm (GaN 0.0366 in. x Ancho 38.6614 in.)

| Heat | Properties | Tag | Pcs. | Weight |
|---------|-------------------------------------|---------|------|--------|
| 0411910 | HRB/APRO=<RIS>/ THICKNESS=0.9300 | 723042G | 1 | 7,572 |
| 0411910 | HRB/APRO=<RIS>/ THICKNESS=0.9300 | 723042H | 1 | 7,940 |
| SK58008 | HRB/APRO=<RIS>/ THICKNESS=0.9300 | 739648G | 1 | 6,668 |
| SK58008 | HRB/APRO=<RIS>/ THICKNESS=0.9300 | 739648H | 1 | 6,848 |
| 0433303 | HRB/APRO=<RIS>/ THICKNESS=0.9300 | 742303F | 1 | 7,222 |

5 **36,250**

| Heat | **** Chemical Analysis **** |
|---------|---|
| 0411910 | Al=0.0324 C=0.045 Mn=0.192 P=0.0084 S=0.0089 Si=0.0106 |
| 0433303 | C=0.056 Mn=0.187 Si=0.0132 P=0.0077 S=0.0089 Al=0.0472 |
| SK58008 | C=0.07 Mn=0.19 Si=0.02 P=0.008 S=0.014 Al=0.046 |



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Reference: Miprcert

Date: 19 Jan 20

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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

LABORATORY'S CHIEF