

APM Division de: IMSA-MEX, SA DE CV



TEST CERTIFICATE No. MTY 582869

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. 100000304
S/O No. MTY 59579 / 1
B/L No. MTY 561697 / 1
Inv No. MTY

A5021

Shp. 04/07/2004

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

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 582869

RCTDAM0.187X36.00-1010 11T
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010
GaN 4.76 mm x Ancho 915 mm (GaN 0.1875 in. x Ancho 36.00 in.)

Heat	Properties	Tag	Pcs.	Weight
0411669	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0021>/MILLS=<0000000500> THICKNESS=4.7650	717682C	1	7,818
0411669	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0021>/MILLS=<0000000500> THICKNESS=4.7650	717682D	1	7,978
0442281	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0176->/MILLS=<0000000500> THICKNESS=4.7660	717684C	1	8,054
0442281	FTEMP/CTEMP/XRAY=<0.988>/CROWN=<0.0176->/MILLS=<0000000500> THICKNESS=4.7660	717684D	1	7,776

4

31,626

Heat	**** Chemical Analysis ****
0411669	C=0.0983 Mn=0.338 Si=0.0166 P=0.0078 S=0.0074 Al=0.0469
0442281	C=0.0932 Mn=0.3529 Si=0.0236 P=0.0063 S=0.0051 Al=0.0355

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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- 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
- Magetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058

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

LABORATORY'S CHIEF