



APM Division de: IMSA-MEX, SA DE CV

Reference: Miprcert1e.Rpt
Date: 8 May 2004

Page: 1 of 1

TEST CERTIFICATE No. MTY 570766

A1498

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. 100000013
S/O No. MTY 58281 / 5
B/L No. MTY 549271 / 1
Inv No. MTY

Shp. 08/05/2004

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 570766

RCTDAM0.135X36.00-1010 11T
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010
GaN 3.43 mm x Ancho 915 mm (GaN 0.1350 in. x Ancho X36.00-1010 11T in.)

Heat	Properties	Tag	Pcs.	Weight
0421365	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0434->/MILLS=<0000000500> THICKNESS=3.4270	702012C	1	8,156
0421365	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0434->/MILLS=<0000000500> THICKNESS=3.4270	702012D	1	7,768

2

15,924

Heat	**** Chemical Analysis ****
0421365	C=0.084 Mn=0.35 Si=0.008 P=0.008 S=0.012 Al=0.04

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

LABORATORY'S CHIEF