

APM Division de: IMSA-MEX, SA DE CV



TEST CERTIFICATE No. MTY 571696

A 1772

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. **PED.URGENTE**
S/O No. **MTY 58475 / 1**
B/L No. **MTY 550206 / 1**
Inv No. **MTY**

Shp. 12/05/2004

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 571696

RCT0.250X48.00-APMC36 INV.
R. ACE. ROL. EN CAL TEMP.ASTM A36
GaN 6.35 mm x Ancho 1220 mm (GaN 0.2500 in. x Ancho X48.00-APMC36 INV. in.)
002122

Heat	Properties	Tag	Pcs.	Weight
0324432	PCED=56.4-56.4[PCED=389.00(0.00-0.00)] / RTEN=80.6-80.5[RTEN=555.91(0.00-0.00)] / %ELON=31.6-31.6 / APRO=<JAESTRAD> / MILLS=<0000000300> / CLHIN=<0000000090> THICKNESS=6.3550	676208D	1	8,830
0324432	PCED=56.4-56.4[PCED=389.00(0.00-0.00)] / RTEN=80.6-80.6[RTEN=555.91(0.00-0.00)] / %ELON=31.6-31.6 / APRO=<JAESTRAD> / MILLS=<0000000300> / CLHIN=<0000000090> THICKNESS=6.3550	676208E	1	8,580

2

17,410

Heat	**** Chemical Analysis ****
0324432	C=0.23 Mn=1.3 Si=0.211 P=0.0109 S=0.0089 Al=0.0335

THE MECHANICAL TESTS RESULTS ARE IN KPSI [MPa] 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