



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 582911

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. INV-IJUN
S/O No. MTY 59641 / 1
B/L No. MTY 561761 / 1
Inv No. MTY

Shp. 05/07/2004

A 4716

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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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 582911

CAL 5/16 - GR50MC
GaN 7.93 mm x Ancho 1178 mm (GaN 0.3122 in. x Ancho 46.3780 in.)

Heat	Properties	Tag	Pcs.	Weight
0430580	PCED/RTEN/%ELON/APRO=<JAESTRAD>/ THICKNESS=7.9290	689111A	1	19,460

1 19,460

Heat	**** Chemical Analysis ****
0430580	C=0.23 Mn=1.22 Si=0.214 P=0.0127 S=0.01 Al=0.0309

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