

APM Division de: IMSA-MEX, SA DE CV



TEST CERTIFICATE No. MTY 628312

Ship from:
APM Division de: IMSA-MEX, SA DE CV
Churubusco #1000
Col. Santa Fe
Monterrey, Nuevo León 64540
Tel. 8329-5000 Fax: 8329-5024

P/O No. 100000840
S/O No. MTY 63712 / 4
B/L No. MTY
Inv No. MTY 607760 / 2

Ship. 14/01/2005

Sold to: (1269)
PLESA ANAHUAC Y CIA. S.A. DE C.V.
AV. VALLE DE LAS ALAMEDAS # 66-0
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.
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COL. SAN FRANCISCO CHILPAN
TULTITLAN, EDO. DE MEXICO
RFC: PAC-040303-UY6 CP 54940

CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 628312

RFNA0.036X48.00-1008 10T
R.FRIO REC.TEM. NIV.ACEITSAE-1008
GaN 0.91 mm x Ancho 1220 mm (GaN 0.0359 in. x Ancho X48.00-1008 10T in.)
004018

Heat	Tag	Pcs.	Weight
SA0144297 HRB=45/APRO=<RIS>/ THICKNESS=0.9300	765171G	1	8,944
SA0144297 HRB=45/APRO=<RIS>/ THICKNESS=0.9300	765171H	1	9,212
		2	18,156

Heat	**** Chemical Analysis ****
SA0144297	C=0.04 Mn=0.2 Si=0.019 P=0.01 S=0.004 Al=0.041

THE MECHANICAL TESTS RESULTS ARE IN KPSI 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 Brinchen 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
Non Metallic Inclusions-ASTM E 45-97 - Metallurgical Microscope Nikon LA-E-0006
Magnetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058
Chemical Analysis -ASTM E 415-95 A- Optical Emission Spectrometer
The uncertainty by equipment as apply is documented in the calibration report.

LABORATORY'S CHIEF