

APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 636818

From:
APM Division de: IMSA-MEX, SA DE CV
Carretera a San Juan de los Rios #1000
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P/O No. 100000946
S/O No. MTY 65327 / 1
B/L No. MTY 617510 / 1
Inv No. MTY

Shp. 22/02/2005

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.
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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 636818

RCT0.165X36.00-1008 20T
R. ACE. ROL. EN CAL TEMP.SAE-1008
GaN 4.19 mm x Ancho 915 mm (GaN 0.1650 in. x Ancho X36.00-1008 20T in.)

Heat	Properties	Tag	Pcs.	Weight
0424324	HRB=65/APRO=<JOE>/ THICKNESS=4.2350	782908B	1	16,228
0510367	HRB=65/APRO=<JOE>/ THICKNESS=4.2340	782909B	1	16,082

2 **32,310**

Heat	**** Chemical Analysis ****
0424324	C=0.055 Mn=0.193 Si=0.024 P=0.0104 S=0.007 Al=0.048
0510367	C=0.07 Mn=0.202 Si=0.0216 P=0.0073 S=0.006 Al=0.0474

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, JIS Z 2245-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, 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



LABORATORY'S CHIEF