



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 626623

Ship from:
APM Division de: IMSA-MEX, SA DE CV
Churubusco #1000
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P/O No. 100000840
S/O No. MTY 63712 / 1
B/L No. MTY 606962 / 1
Inv No. MTY

Shp. 10/01/2005

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

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CERTIFICATE OF ANALYSIS AND TEST

Cert. No. MTY 626623

RFR0.135X48.00-1008 10T
R.DE.ACE.ROL.FRIO.REC.TEMSAE-1008
GaN 3.48 mm x Ancho 1220 mm (GaN 0.1370 in. x Ancho 48.00 in.)

Heat	Properties	Tag	Pcs.	Weight
0413714	HRB=52/APRO=<RIS>/ THICKNESS=3.4800	769216E	1	9,802

1

9,802

Heat	**** Chemical Analysis ****
0413714	C=0.058 Mn=0.198 Si=0.0141 P=0.0068 S=0.005 Al=0.0374

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