

## APM Division de: IMSA-MEX, SA DE CV

## TEST CERTIFICATE No. MTY 627238



Ship from:  
APM Division de: IMSA-MEX, SA DE CV  
Churubusco #1000  
Col. Santa Fe  
Monterrey, Nuevo León 64540  
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P/O No. 100000840  
S/O No. MTY 63712 / 1  
B/L No. MTY 607576 / 1  
Inv No. MTY

Shp. 13/01/2005

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 627238

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	Pes.	Weight
0413713	HRB=49/APRO=<RIS>/ THICKNESS=3.4800	769215G	1	8,702

1

8,702

Heat	**** Chemical Analysis ****
0413713	C=0.057 Mn=0.191 Si=0.0188 P=0.0097 S=0.005 Al=0.0337

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