



APM Division de: IMSA-MEX, SA DE CV

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TEST CERTIFICATE No. MTY 628326

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. 100000839
S/O No. MTY 63711 / 5
B/L No. MTY 608702 / 1
Inv No. MTY

Shp. 19/01/2005

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 628326

RCTDAM0.1350X48.00-110PRO 17T
R.C.TEMP.DEC.ACEIT.O.M. SAE 1010
GaN 3.43 mm x Ancho 1220 mm (GaN 0.1350 in. x Ancho 0X48.00-110PRO 17T in.)

Heat	Properties	Tag	Pcs.	Weight
0425111	HRB=69/APRO=<DCG>/ELTEM=2.7/MILLS=<0000000030>/ THICKNESS=3.4200	771201C	1	9,285
0425111	HRB=69/APRO=<DCG>/ELTEM=2.7/MILLS=<0000000030>/ THICKNESS=3.4200	771201D	1	8,364

2

17,649

Heat	**** Chemical Analysis ****
0425111	C=0.096 Mn=0.33 Si=0.0205 P=0.0061 S=0.007 Al=0.0432

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