

APM Division de: IMSA-MEX, SA DE CV



TEST CERTIFICATE No. MTY 634737

Ship from:
APM Division de: IMSA-MEX, SA DE CV
Churubusco #1000
Col. Santa Fé
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P/O No. 100000946
S/O No. MTY 64719 / 1
B/L No. MTY 615296 / 1
Inv No. MTY

Shp. 13/02/2005

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

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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 634737

RCT0.250X36.00-APMC36 20T
R. ACE. ROL. EN CAL TEMP. ASTM A36
GaN 6.35 mm x Ancho 915 mm (GaN 0.2500 in. x Ancho X36.00-APMC36 20T in.)

Heat	Properties	Tag	Pcs.	Weight
0530132	PCED=54.8-54.8[PCED=377.85(377.85-377.85)] / RTEN=72.1-72.1[RTEN=497.14(497.14-497.14)] / %ELON=34-34 / APRO=<DCOVARRU> / MILLS=<0000000250> THICKNESS=6.3590	779144B	1	15,075
0520196	PCED=53.9-53.9[PCED=371.65(371.65-371.65)] / RTEN=71.7-71.7[RTEN=494.38(494.38-494.38)] / %ELON=36-36 / APRO=<DCOVARRU> / MILLS=<0000000250> THICKNESS=6.3590	779145B	1	15,251

2

30,326

Heat	**** Chemical Analysis ****
0520196	C=0.19 Mn=0.735 Si=0.19 P=0.0127 S=0.006 Al=0.0531
0530132	C=0.186 Mn=0.67 Si=0.187 P=0.0108 S=0.005 Al=0.0359

THE MECHANICAL TESTS RESULTS ARE IN KPSI [MPa] 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

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