

APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 570831

A 1745

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. 100000113
S/O No. MTY 58277 / 2
B/L No. MTY 549272 / 1
Inv No. MTY

Shp. 08/05/2004

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.
AV. VALLE DE LAS ALAMEDAS # 66-O
COL. SAN FRANCISCO CHILPAN
TULTITLAN, EDO. DE MEXICO
RFC: PAC-040303-UY6 CP 54940

CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 570831

RC0.375X48.000-APMC36 18TN
RÓLLO DE AC. ROL. EN CAL.ASTM A36
GaN 9.53 mm x Ancho 1220 mm (GaN 0.3750 in. x Ancho X48.000-APMC36 18TN in.)

Heat	Properties	Tag	Pcs.	Weight
0440560	PCED=47.2-47.2[PCED=325.55(0.00-0.00)] / RTEN=68.2-68.2[RTEN=470.39(0.00-0.00)] / %ELON=38.2-38.2 / APRO=<JAESTRAD> THICKNESS=9.5250	69838	1	8,605
0440560	PCED=47.2-47.2[PCED=325.55(0.00-0.00)] / RTEN=68.2-68.2[RTEN=470.39(0.00-0.00)] / %ELON=38.2-38.2 / APRO=<JAESTRAD> THICKNESS=9.5250	69839	1	8,780

2

17,385

Heat	**** Chemical Analysis ****
0440560	C=0.2 Mn=0.628 Si=0.186 P=0.0075 S=0.003 Al=0.0398

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- 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
- T.O.Tensile Machine-LA-E-0001, LA-E-0083
- Grain Size- ASTM E 112-96,-Metallurgical Microscope Nikon LA-E-0006
- Non Metallic Inclusions-ASTM E 45-97 - Metallurgical Microscope Nikon LA-E-0006
- Magetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058



LABORATORY'S CHIEF