



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 561914

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. 100000093
S/O No. MTY 55518 / 5
B/L No. MTY 539790 / 1
Inv No. MTY

5470

Shp. 01/04/2004

Sold to: (924)
PLESA ANAHUAC.S.A. DE C.V
AV. VALLE DE LAS ALAMEDAS # 66-A
COL. SAN FRANCISCO CHILPAN
TULTITLAN, EDO. DE MEXICO
RFC: PAN-810423-7L9 CP 54940

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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 561914

002013 RCTDAM0.120X36.00-1010
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010
GaN 3.05 mm x Ancho 915 mm (GaN 0.1200 in. x Ancho X36.00-1010 in.)
002013

Heat	Properties	Tag	Pcs.	Weight
0410462	HRB/APRO=<ALL>/MILLS=<0000000060>/ THICKNESS=3.0780	687709D	1	7,525
0410462	HRB/APRO=<ALL>/MILLS=<0000000060>/ THICKNESS=3.0780	687709E	1	6,850

2 14,375

Heat	**** Chemical Analysis ****
0410462	C=0.095 Mn=0.36 Si=0.014 P=0.009 S=0.006 Al=0.036

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- 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
Magnetic Properties-ASTM A 343-97- Epstein Tester LA-E-0058

LABORATORY'S CHIEF