



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

## TEST CERTIFICATE No. MTY 561570

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 / 6  
B/L No. MTY 539434 / 2  
Inv No. MTY

Shp. 30/03/2004

54 37 A

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

Ship to:  
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### CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 561570

002019 RCTDAM0.120X48.00-1010  
R.C.TEMP.DEC.ACEIT.O.M. SAE-1010  
GaN 3.05 mm x Ancho 1220 mm (GaN 0.1200 in. x Ancho X48.00-1010 in.)  
002019

Heat	Properties	Tag	Pcs.	Weight
0410394	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0238>/MILLS=<0000000500> THICKNESS=3.0480	684270C	1	10,334
0410394	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0238>/MILLS=<0000000500> THICKNESS=3.0480	684270D	1	10,028

2 20,362

Heat	**** Chemical Analysis ****
0410394	C=0.095 Mn=0.35 Si=0.0135 P=0.0115 S=0.0057 Al=0.0527

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

LABORATORY'S CHIEF