



APM Division de: IMSA-MEX, SA DE CV

TEST CERTIFICATE No. MTY 558415

Ship from:
APM Division de: IMSA-MEX, SA DE CV
Churubusco #1000
Col. Santa Fe
Monterrey, Nuevo León 64540
Tel. 8329-5000 Fax: 8329-5024

P/O No. 100000089
S/O No. MTY 56019 / 1
B/L No. MTY 535626 / 1
Inv No. MTY

4895

Shp. 16/03/2004

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

Ship to:
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CERTIFICATE OF ANALYSIS AND TEST Cert. No. MTY 558415

002058 RCT0.080X48.00-1010
R. ACE. ROL. EN CAL TEMP. SAE-1010
GaN 2.03 mm x Ancho 1220 mm (GaN 0.0800 in. x Ancho X48.00-1010 in.)
002058

Heat	Properties	Tag	Pcs.	Weight
0420521	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0371->/MILLS=<0000000500> THICKNESS=2.0380	687962B	1	10,300
0420521	FTEMP/CTEMP/XRAY=<0.976>/CROWN=<0.0371->/MILLS=<0000000500> THICKNESS=2.0380	687962C	1	10,560

2 20,860

Heat	**** Chemical Analysis ****
0420521	C=0.09 Mn=0.35 Si=0.0289 P=0.0067 S=0.0063 Al=0.0516

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