

TEST REPORT

MATERIAL : FDA FKM 80 GREEN COMPOUND NO. :V8011G

A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

| | REQUIREMENT | TEST RESULT |
|----------------------------|-------------|-------------|
| HARDNESS, PTS | 80+/5 | 77 |
| TENSILE STRENGTH, Mpa, min | 7.0 | 13.1 |
| ELONGATION, %,min | 150 | 192 |
| GRAVITY | | 2.094 |

B)HEAT AGING @250 DEGREE C X 70 HRS.

| | | |
|----------------------------|-----|----|
| HARDNESS CHANGE, POINTS | +10 | +3 |
| TENSILE STRENGTH CHANGE, % | -25 | +5 |
| ELONGATION CHANGE, % | -25 | -3 |

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

| | | |
|------------------------------------------|----|----|
| HEAT AGING @175 DEGREE C X 22 HRS, %,max | 50 | 15 |
|------------------------------------------|----|----|

D)FUEL OIL IMMERSION @RT X 70 HRS

| | | |
|----------------------------|---------|-----|
| HARDNESS CHANGE, POINTS | + / - 5 | - 3 |
| TENSILE STRENGTH CHANGE, % | -25 | -21 |
| ELONGATION CHANGE, % | - 20 | - 6 |
| VOLUME CHANGE, % | 0~+10 | +3 |

NOTE: 1.THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND V8011G CAN MEET ASTM D2000 M2HK807 A1-10 B37 EF31

2.THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.



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Test by:QC08