

## TEST REPORT

MATERIAL :FDA FKM 90 GREEN      COMPOUND NO. : V9011G

### A)PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @230 DEGREE C X 24HRS

HARDNESS, SHORE A

TENSILE STRENGTH, MPa,min

ELONGATION, % ,min

SPECIFIC GRAVITY

| REQUIREMENT | TEST RESULT |
|-------------|-------------|
| 90+/-5      | 92          |
| 10.0        | 10.9        |
| 100         | 102         |
|             | 2.557       |

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

|     |     |
|-----|-----|
| +10 | +2  |
| -25 | +4  |
| -25 | -24 |

### 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

|    |    |
|----|----|
| 30 | 11 |
|----|----|

### D) FUEL C OIL IMMERSION @RT X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

|       |     |
|-------|-----|
| +/-5  | +0  |
| -25   | -20 |
| -20   | +33 |
| 0~+10 | +2  |

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

THIS COMPOUND V9011G CAN MEET ASTM D2000 M3HK910 A1-10 B37 EF31

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