

## TEST REPORT

MATERIAL : FDA FKM 90 BROWN

COMPOUND NO. :V9011N

**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       | 88          |
| 10          | 11.5        |
| 100         | 153         |
|             | 2.503       |

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

|     |     |
|-----|-----|
| +10 | +7  |
| -25 | +6  |
| -25 | -24 |

**C)COMPRESSION SET**

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 20 MIN

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @200 DEGREE C X 22 HRS, %,max 15 13

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

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

|         |     |
|---------|-----|
| + / - 5 | - 2 |
| -25     | -10 |
| - 2 0   | + 0 |
| 0~+10   | +4  |

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

THIS COMPOUND V7511N CAN MEET ASTM D2000 M6HK910 A1-10 B38 EF31 Z1

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

**QA Manager: Grace Chen**

**QC.Dept:Dolly Zhou**

**Test by:QC08**