

## TEST REPORT

MATERIAL :FKM 80 BLACK

COMPOUND NO:V8001B

**A)PHYSICAL PROPERTIES:**

PRESS CURE @ 200 DEGREE C X 10 MIN)

POST CURE @230 DEGREE C X 24HRS

HARDNESS , SHORE A 硬度

TENSILE STRENGTH, Mpa 拉力强度 min

ELONGATION, % 延伸率 min

SPECIFIC GRAVITY 比重

| REQUIREMENT | TEST RESULT |
|-------------|-------------|
| 80+/-5      | 83          |
| 10          | 16.0        |
| 150         | 201         |
|             | 1.816       |

**B)HEAT AGING @ 250 DEGREE C X 70 HRS 老化试验**

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE , %拉力强度变化率

ELONGATION CHANGE , % 延伸率变化率

|     |     |
|-----|-----|
| +10 | +4  |
| -25 | -3  |
| -25 | -24 |

**C)COMPRESSION SET 压缩永久变形试验**

CURING CONDITIONS 加硫条件

PRESS CURE @ 200 DEGREE C X 20 MIN)

POST CURE @230 DEGREE C X 24HRS

HEAT AGING @ 175 DEGREE C X 22 HRS, % ,max

|    |   |
|----|---|
| 50 | 8 |
|----|---|

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

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, % 体积变化率

|       |     |
|-------|-----|
| +/-5  | -4  |
| -25   | -14 |
| -20   | -10 |
| 0~+10 | +4  |

**E) LOW TEMPERATURE BRITTLINESS 耐低温试验(脆性温度)**

TESTS AFTER 3MIN AT -20 DEGREE C

NONBRITTLE

NOTE: THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND V8001B CAN MEET ASTM D2000 M2HK810 A1-10 B37 EF31

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**Test by:QC08**

