

## TEST REPORT

MATERIAL : SIL70 WHITE      COMPOUND NO. : S7001W

### A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS Shore A 硬度

TENSILE STRENGTH, MPa,min 拉力强度

ELONGATION, % ,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5      72

5.0      8.1

150      281

1.218

### B) HEAT RESISTANCE @225 DEGREE C X 70 HRS 老化试验

HARDNESS CHANGE, PTS 硬度变化

+10      +1

TENSILE STRENGTH CHANGE, % 拉力强度变化率

-25      -23

ELONGATION CHANGE,延伸率变化率

-45      -33

### C)COMPRESSION SET: 压缩永久变形试验

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS ,max

30      16

### D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS 耐 1#油试验

HARDNESS CHANGE, POINTS 硬度变化

0~-15      -10

TENSILE STRENGTH CHANGE, % 拉力强度变化率

-20      +15

ELONGATION CHANGE, %延伸率变化率

-20      -4

VOLUME CHANGE, %体积变化率

0~+15      +7

### E) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS 耐 3#油试验

HARDNESS CHANGE, PTS 硬度变化

-40      -27

VOLUME CHANGE, %体积变化率

+60      +45

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

THIS COMPOUND S7001W CAN MEET ASTM D2000 M7GE705 A19 B37 EO16 EO36

Z1(Z1=ELONGATION CHANGE -45 max)



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