

## TEST REPORT

MATERIAL : SIL70 MILK      COMPOUND NO. : S7001M

**A)PHYSICAL PROPERTIES**

PRESS CURE @170 DEGREE C X 10MIN)

POST CURE @200 DEGREE C X 4HRS

HARDNESS Shore A

TENSILE STRENGTH, MPa,min

ELONGATION, % ,min

SPECIFIC GRAVITY

REQUIREMENT TEST RESULT

70+/-5      70

5.0      7.6

150      222

1.31

**B) HEAT RESISTANCE @225 DEGREE C X 70 HRS**

HARDNESS CHANGE, PTS

+10      +4

TENSILE STRENGTH CHANGE, %

-25      -18

ELONGATION CHANGE,

-30      -28

**C)COMPRESSION SET:**

PRESS CURE @170 DEGREE C X 20MIN)

POST CURE @200 DEGREE C X 4HRS

HEAT AGING @175 DEGREE C X 22 HRS ,max

30      12

**D) ASTM NO. 1 OIL: @150 DEGREE C X 70 HRS**

HARDNESS CHANGE, POINTS

0~-15      -6

TENSILE STRENGTH CHANGE, %

-20      +0

ELONGATION CHANGE, %

-20      -10

VOLUME CHANGE, %

0~+15      +6

**E) ASTM NO. 3 OIL: @150 DEGREE C X 70 HRS**

HARDNESS CHANGE, PTS

-40      -17

VOLUME CHANGE, %

+60      +37

NOTE:THE ABOVE TEST WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
THIS COMPOUND S7001M CAN MEET ASTM D2000 M7GE705 A19 B37 EO16 EO36

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Test by:QC08