

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



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08