

TEST REPORT

MATERIAL : NBR 70 DURO MILK

COMPUND NO. : N7001M

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

HARDNESS , SHORE A

TENSILE STRENGTH, MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENT TEST RESULT

70+/-5 71

7.0 8.9

200 561

1.58

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

+15 +1

TENSILE STRENGTH CHANGE, %

-20 -1

LONGATION CHANGE, %

-40 -5

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°C X22HRS,max

25 21

D)ASTM NO.1 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS

-5~+15 +3

TENSILE STRENGTH CHANGE, %

-25 +6

ELONGATION CHANGE, %

-45 -11

VOLUME CHANGE, %

-10~+5 -6

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS

HARDNESS CHANGE , POINTS

0~-15 -11

TENSILE STRENGTH CHANGE, %

-45 -8

ELONGATION CHANGE, %

-45 -8

VOLUME CHANGE, %

0~+35 +6

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001M CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

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Test by:QC08