

**TEST REPORT**

MATERIAL : NBR 80 DURO MILK

COMPOUND NO. : N8001M

## A) PHYSICAL PROPERTIES

PRESS CURE@170DEGREE C X10 MIN

POST CURE@120DEGREE C X1 HR

B)HARDNESS , SHORE A

TENSILE STRENGTH , MPa ,min

ELONGATION, %,min

SPECIFIC GRAVITY

REQUIREMENTS TEST RESULT

80+/-5 84

10 12.3

125 204

1.601

C)HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+15 +2

-20 +6

-40 -17

B)COMPRESSION SET

CURING CONDITIONS

PRESS CURE@ 170 DEGREE C X 12 MIN

POST CURE@ 120 DEGREE C X 1HRS

HEAT AGING @ 100 DEGREE C X 22 HRS, %,max

25 22

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+15 +1

-25 +10

-45 -15

-10~+5 -1

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-20 -6

-45 -2

-45 -17

0~+35 +7

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND N8001M CAN MEET ASTM D2000 M6BG810 A14 B14 EO14 EO34

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Test by:QC08

