

TEST REPORT

MATERIAL : NBR 80 DURO PURPLE COMPOUND NO. : N8001P

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 82

7.0 11.0

100 132

1.402

C)HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

+15 +3

-20 -15

-40 -14

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 17

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+15 +6

-25 -11

-45 -13

-10~+5 -6

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~20 -10

-45 -15

-45 -17

0~+35 +14

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N8001P CAN MEET ASTM D2000 M6BG807 A14 B14 EO14 EO34