

TEST REPORT

MATERIAL : NBR 60 DURO RED

COMPUND NO. : N6001R

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

60+/-5 65

6.0 10.0

200 630

1.412

B)HEAT RESISTANCE @100°CX70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

LONGATION CHANGE, %

+/-15 +5

+/-30 +8

-50 -1

C)COMPRESSION SET

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°CX22HRS ,max

25 21

D)ASTM NO.1 OIL IMMERSIONN @100°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10 +1

-25 +7

-45 -5

-10~+5 -7

E)ASTM IRM 903 OIL IMMERSIONN @100°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5 -9

-45 +6

-45 -9

0~+25 +8

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N6001R CAN MEET ASTM D2000 M2BG606 A14 B14 EO14 EO34

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