



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO GREEN

COMPUND NO. : N7001G

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 72

7. 0 10.1

250 599

1.392

B)HEAT RESISTANCE @100°CX70HRS

HARDNESS CHANGE, POINTS

TENSILE STRENGTH CHANGE, %

LONGATION CHANGE, %

+/-15 +0

-20 -1

-40 -9

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 20

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

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~-15 +6

-25 +11

-45 -17

-10~-+5 -7

E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS

HARDNESS CHANGE , POINTS

TENSILE STRENGTH CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

0~-15 -6

-45 -3

-45 -15

0~-+35 +6

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

THIS COMPOUND N7001G CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

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