



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 73

7. 0 10.8

250 523

1.392

B)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS

+/-15 +1

TENSILE STRENGTH CHANGE, %

-20 +15

LONGATION CHANGE, %

-40 -7

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 24

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

HARDNESS CHANGE , POINTS

-5~+15 +6

TENSILE STRENGTH CHANGE, %

-25 -6

ELONGATION CHANGE, %

-45 -28

VOLUME CHANGE, %

-10~+5 -6

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

HARDNESS CHANGE , POINTS

0~-15 -5

TENSILE STRENGTH CHANGE, %

-45 -18

ELONGATION CHANGE, %

-45 +3

VOLUME CHANGE, %

0~+35 +8

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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