



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 60 DURO OZONE RESISTANCE COMPOUND NO. : N6025B

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

REQUIREMENTS

60+/-5

10

300

TEST RESULTS

64

11

469

1.283

B) HEAT AGING @100°C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, .%

+/- 15

+/- 30

- 50

+ 0

- 1

- 11

C) COMPRESSION SET

CURING CONDITIONS

PRESS CURE @ 170 DEGREE C X 12 MIN

POST CURE @ 120 DEGREE C X 1 HR

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

25

18

D) ASTM NO.1 OIL IMMERSION @100°C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-5~+10

-25

-45

-10~+5

+4

+24

-14

-6

E) ASTM IRM 903 OIL IMMERSION @100°C X 70 HRS

HARDNESS CHANGE, POINTS

TENSILE CHANGE, %

ELONGATION CHANGE, %

VOLUME CHANGE, %

-10~+5

-45

-45

0~+25

-3

+3

-11

+5

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

THIS COMPOUND N6025B CAN MEET ASTM D2000 M2BG610 A14 B14 EO14 EO34 Z1(Z1=OZONE)

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Test by: QC08