



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :OZONE NBR 80 DURO BLACK

COMPOUND NO. : N8025B

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 84

14 14.9

125 504

1.278

B)HEAT AGING @100°C X70HRS

HARDNESS CHANGE, POINTS

0~ +15 +2

TENSILE STRENGTH CHANGE, %

-20 +9

ELONGATION CHANGE, %

-40 +33

C)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 24

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

HARDNESS CHANGE , POINTS

0~+15 +5

TENSILE STRENGTH CHANGE, %

-25 +13

ELONGATION CHANGE, %

-45 -35

VOLUME CHANGE, %

-10~+5 -5

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

HARDNESS CHANGE , POINTS

0~-20 -5

TENSILE STRENGTH CHANGE, %

-45 +3

ELONGATION CHANGE, %

-45 -38

VOLUME CHANGE, %

0~+35 +7

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

THIS COMPOUND N8025B CAN MEET ASTM D2000 M6BG814 A14 B14 EO14 EO34 Z1

(Z1=OZONE RESISTANCE)

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08