



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 60 DURO BLACK COMPOUND NO. : N6001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1HR

HARDNESS, SHORE A 硬度

TENSILE,STRENGTH, MPa ,min 拉力強度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENTS

TEST RESULTS

60+/-5

61

10

15.8

300

494

1.205

B) HEAT AGING @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE CHANGE, % 拉力強度變化率

ELONGATION CHANGE, % 延伸率變化率

+/- 15

+3

+/- 30

-3

-50

-16

C) COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS 加硫條件

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

10

D)ASTM NO.1 OIL IMMERSION @100°C X70HRS 耐 1#油試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE CHANGE, % 拉力強度變化率

ELONGATION CHANGE, % 延伸率變化率

VOLUME CHANGE, % 體積變化率

-5~+10

+8

-25

+1

-45

-18

-10~+5

-10

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS 耐 3#油試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE CHANGE, % 拉力強度變化率

ELONGATION CHANGE, % 延伸率變化率

VOLUME CHANGE, % 體積變化率

-10~+5

+0

-45

-20

-45

-34

0~+25

+0

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

THIS COMPOUND N6001B CAN MEET ASTM D2000 M2BG610 A14 B14 EO14 EO34

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

