



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO BLACK METAL BONDED COMPUND NO. : N7061B

A) PHYSICAL PROPERTIES:

PRESS CURE @ 170 DEGREE C X 10 MIN

POST CURE @ 120 DEGREE C X 1 HR

HARDNESS , SHORE A 硬度

TENSILE STRENGTH, MPa 拉力強度,min

ELONGATION, % 延伸率 ,min

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5 71

11 15.5

250 389

1.198

B)HEAT RESISTANCE @ 100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

0~+15 +3

TENSILE STRENGTH CHANGE, % 拉力強度變化

-20 +29

ELONGATION CHANGE, % 延伸率變化

-50 -16

C)COMPRESSION SET 壓縮永久變形試驗

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 13

HEAT AGING @ 100°C X70HRS ,max

50

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

HARDNESS CHANGE , POINTS 硬度變化

-5~+10 +2

TENSILE STRENGTH CHANGE, % 拉力強度變化

-25 +13

ELONGATION CHANGE, % 延伸率變化

-45 -12

VOLUME CHANGE, % 體積變化

-10~+5 -4

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

HARDNESS CHANGE , POINTS 硬度變化

-10~+5 -7

TENSILE STRENGTH CHANGE, % 拉力強度變化

-45 -5

ELONGATION CHANGE, % 延伸率變化

-45 -18

VOLUME CHANGE, % 體積變化

0~+25 +16

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7061B CAN MEET HG/T 2811-1996(XA7453) OR ASTM D2000 M2BG710 A14
B14 EO14 EO34

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Test by:QC08