



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 90 DURO LOW TEMP COMPUND NO. : N9063B

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 拉力强度,min

ELONGATION, % 延伸率 ,min

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

90+/-5 89

10 18.4

100 151

1.306

B)HEAT RESISTANCE @100°C X70HRS 老化试验

HARDNESS CHANGE, POINTS 硬度变化

+/-15 +2

TENSILE STRENGTH CHANGE, % 拉力强度变化率

-20 +5

LONGATION CHANGE, % 延伸率变化率

-40 +26

C)COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS 加硫条件

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @ 100°C X22HRS ,max

25 8

D)ASTM NO.1 OIL IMMERSION @100°C X70HRS 耐 1#油试验

HARDNESS CHANGE , POINTS 硬度变化

-5~+15 +1

TENSILE STRENGTH CHANGE, % 拉力强度变化率

-25 +5

ELONGATION CHANGE, % 延伸率变化率

-45 -15

VOLUME CHANGE, % 体积变化率

-10~+5 -1

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS 耐 903#油试验

HARDNESS CHANGE , POINTS 硬度变化

0~-15 -11

TENSILE STRENGTH CHANGE, %拉力强度变化率

-45 -4

ELONGATION CHANGE, % 延伸率变化率

-45 -13

VOLUME CHANGE, %体积变化率

0~+35 +18

F) LOW TEMPERATURE BRITTLINESS 低温脆性试验

TESTS AFTER 3MIN AT -40 DEGREE C

NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N9063B CAN MEET ASTM D2000 M6BG910 A15 B14 EO14 EO34 F17

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Test by:QC08