



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO HIGH LOW-TEMP

COMPOUND NO. : N7064B

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 ,min 拉力强度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5 72

10 16.3

250 336

1.209

B) HEAT RESISTANCE @125°C X70HRS 老化试验

HARDNESS CHANGE, POINTS 硬度变化

ENSILE CHANGE, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

0~+15 +3

-25 +2

-50 -26

C) COMPRESSION SET 压缩永久变形试验

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 8

D)ASTM NO.1 OIL IMMERSION @125°C X70HRS 耐 1#油试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, %延伸率变化率

VOLUME CHANGE, % 体积变化率

0~+10 +5

-20 -3

-30 -28

-15~+5 -7

E)ASTM IRM 903 OIL IMMERSION @125°C X70HRS 耐 903#油试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, %延伸率变化率

VOLUME CHANGE, % 体积变化率

-10~+10 -5

-15 -12

-30 -30

0~+25 +9

F)LOW TEMPERATURE TR10 T R 1 0 低温试验

-34.4

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

THIS COMPOUND N7064B CAN MEET ASTM D2000 M2CH710 A25 B14 EO15 EO35

OR MIL-P-25732

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