



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO RED LOW TEMP

COMPOUND NO. : N7063R

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 拉力強度 ,min

ELONGATION, %延伸率 ,min

SPECIFIC GRAVITY 比重

REQUIREMENTS

70+/-5

10

250

TEST RESULTS

73

13.2

270

1.411

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

ELONGATION CHANGE, .% 延伸率變化

+15

-20

-40

+2

-2

-5

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 DEGREE C X 22 HRS, %,max

25

20

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

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

-5~+15

-25

-45

-10~+5

+0

+10

+4

+1

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

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

0~-15

-45

-45

0~+35

-14

-27

-13

+35

F)LOW TEMPERATURE BRITTLINESS 低溫脆性試驗

TESTS AFTER 3MIN AT -40 DEGREE C

pass

NONBRITTLE

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

以上測試是以試片試扣作測試,結果僅供參考

THIS COMPOUND N7063R CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34 F17

該支料可符合 ASTM D2000 M5BG710 A14 B14 EO14 EO34 F17

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Test by:QC08