



TEST REPORT

MATERIAL :NBR 70 BLACK FLAME RESISTANCE COMPOUND NO. : N7052B

A) PHYSICAL PROPERTIES:基本物性

PRESS CURE @170 DEGREE C X 10 MIN 一次硫化溫度與時間

POST CURE @120 DEGREE C X 1 HR 二次硫化溫度與時間

HARDNESS, SHORE A 硬度

TENSILE STRENGTH, MPa 拉力強度

ELONGATION, %延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/- 5 77

10 11.1

250 592

1.528

B)HEAT RESISTANCE @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力強度變化

ELONGATION CHANGE, % 延伸率變化

+15 +1

-20 +2

-40 -6

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS 硫化條件

PRESS CURE @170 DEGREE C X 12 MIN 一次硫化溫度與時間

POST CURE @120 DEGREE C X 1 HRS 二次硫化溫度與時間

HEAT AGING @100°C X22HRS

25 19

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

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

-5~+15 -2

-25 -1

-45 -6

-10~+5 +2

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

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

0~-15 -15

-45 -14

-45 -10

0~+35 +15

F) LOW TEMPERATURE BRITTLENESS,TEST METHODS D2137 耐低溫試驗

METHOD A 9.3.2 NONBRITTLE AFTER 3MIN AT - 40 -40cx3 分鐘

NONBRITTLE(不脆裂)

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N7052B CAN MEET ASTMD2000 M5BG710 A14 B14 EO14 EO34 F17

2.THE COMPOUND IS COMPLY WITH UL REGULATION ,BUT WE CAN NOT OFFER ANY APPROVAL OR CERTIFICATION.

1.上述試驗是以試片試扣進行測試的，其結果僅供參考。該料可符合 ASTM D2000 M5BG710 A14 B14 EO14 EO34 F17 標準.

2.該料符合 UL 規定(HB-94 级别)，但我們無法提供任何的證明.