

TEST REPORT

MATERIAL : NBR 70 DURO GREEN FDA +SIL OIL

COMPUND NO. : N7085G

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 拉力強度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5 72

7.0 8.0

200 416

1.572

B)HEAT RESISTANCE @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

+/-15 +0

TENSILE STRENGTH CHANGE, % 拉力強度變化率

-20 +0

LONGATION CHANGE, % 延伸率變化率

-40 -14

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

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

HARDNESS CHANGE , POINTS 硬度變化

-5~+15 +1

TENSILE STRENGTH CHANGE, % 拉力強度變化率

-25 +11

ELONGATION CHANGE, % 延伸率變化率

-45 -19

VOLUME CHANGE, %體積變化率

-10~+5 -4

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

HARDNESS CHANGE , POINTS 硬度變化

0~-15 -11

TENSILE STRENGTH CHANGE, % 拉力強度變化率

-45 -4

ELONGATION CHANGE, % 延伸率變化率

-45 -20

VOLUME CHANGE, %體積變化率

0~+35 +10

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

THIS COMPOUND N7085G CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

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

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Test by:QC08