

## TEST REPORT

MATERIAL : NBR 70 DURO BLUE

COMPUND NO. : N7001U

## 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 拉力強度 .min

ELONGATION, %延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5 73

10 10.1

250 520

1.44

## B)HEAT RESISTANCE @100°CX70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

LONGATION CHANGE, % 延伸率變化率

+/-15 +1

-20 +0

-40 -2

## 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°CX22HRS ,max

25 16

## D)ASTM NO.1 OIL IMMERSION @100°CX70HRS 耐 1#油試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

ELONGATION CHANGE, %延伸率變化率

VOLUME CHANGE, % 體積變化率

-5~+15 -2

-25 +9

-45 +3

-10~+5 -4

## E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS 耐 3#油試驗

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE, %拉力強度變化

ELONGATION CHANGE, %延伸率變化率

VOLUME CHANGE, %體積變化率

0~-20 -10

-45 -12

-45 -2

0~+35 +12

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND N7001U CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34

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