

TEST REPORT

MATERIAL : NBR 70 DURO PURPLE

COMPUND NO. : N7001P

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 74

10 13.4

250 430

1.422

B)HEAT RESISTANCE @100°CX70HRS 老化试验

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

LONGATION CHANGE, % 延伸率变化率

+/-15 +2

-20 -6

-40 -12

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°CX22HRS ,max

25 16

D)ASTM NO.1 OIL IMMERSION @100°CX70HRS 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

-5~+15 +2

-25 +12

-45 -10

-10~+5 -4

E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS 耐 3#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~-15 -8

-45 -10

-45 -8

0~+35 +11

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N7001P CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34

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