

TEST REPORT

MATERIAL: NBR 70 DURO YELLOW COMPOUND NO. : N7001Y

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

REQUIREMENTS	TEST RESULT
70+/-5	74
7.0	7.4
200	596
	1.544

B)HEAT RESISTANCE @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

ELONGATION CHANGE, %延伸率變化率

+/-15	+2
-20	-5
-40	-16

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	24
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D)ASTM NO.1 OIL IMMERSION @100°C X70HRS 耐 1#油試驗

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

ELONGATION CHANGE, %延伸率變化率

VOLUME CHANGE, % 體積變化率

-5~+15	-1
-25	-5
-45	-12
-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, % 拉力強度變化率

ELONGATION CHANGE, %延伸率變化率

VOLUME CHANGE, % 體積變化率

0~-15	-14
-45	-5
-45	-7
0~+35	+9

NOTE: 1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001Y CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

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Test by:QC08