



ESCORT SEAL

The Manufacturer of Sealing Parts

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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	73
7.0	11.8
200	550
	1.435

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

ELONGATION CHANGE, %延伸率變化率

+/-15	+3
-20	-3
-40	-5

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	19
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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	+2
-45	-11
-10~+5	-3

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

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化率

LONGATION CHANGE, %延伸率變化率

VOLUME CHANGE, % 體積變化率

0~-15	-10
-45	-10
-45	-10
0~+35	+8

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

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08

