



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO GRAY COMPUND NO. : N7001A

A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

	REQUIREMENT	TEST RESULT
HARDNESS , SHORE A 硬度	70+/-5	71
TENSILE STRENGTH, MPa ,min 拉力強度	7.0	11.7
ELONGATION, %,min 延伸率	200	508
SPECIFIC GRAVITY 比重		1.47

B)HEAT RESISTANCE @100°C X70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化	+/-15	+1
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	+3
LONGATION CHANGE, % 延伸率變化率	-40	-8

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	25
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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	-5~+15	+5
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-25	+17
ELONGATION CHANGE, % 延伸率變化率	-45	-8
VOLUME CHANGE, %體積變化率	-10~+5	-5

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

HARDNESS CHANGE , POINTS 硬度變化	0~-15	-6
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-45	-4
ELONGATION CHANGE, % 延伸率變化率	-45	-15
VOLUME CHANGE, %體積變化率	0~+35	+6

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001A CAN MEET ASTM D2000 M5BG707 A14 B14 EO14 EO34

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Test by:QC08