



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 90 DURO BLACK COMPOUND NO. : N9001B

Batch No. : 2M01907260001

A) PHYSICAL PROPERTIES

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@120 DEGREE C X 1HR

HARDNESS ,SHORE A 硬度

TENSILE, STRENGTH MPA 拉力強度.min

ELONGATION, %延伸率.min

SPECIFIC GRAVITY 比重

REQUIREMENTS	TEST RESULT
90+/-5	85
10	12.2
100	208
	1.34

C)HEAT RESISTANCE @100°C X70HRS

HARDNESS CHANGE, POINTS 硬度變化

TENSILE STRENGTH CHANGE, % 拉力強度

ELONGATION CHANGE, % 延伸率

+15	+2
-20	+3
-40	-19

B)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 1HR

HEAT AGING@100 DEGREE C X 22HRS.% ,max

25	18
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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

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE % 體積變化

-5~+15	+4
-25	+7
-45	-22
-10~+5	-4

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

HARDNESS CHANGE , POINTS 拉力強度變化

TENSILE STRENGTH CHANGE, % 拉力強度變化

ELONGATION CHANGE, %延伸率變化

VOLUME CHANGE, % 體積變化

0~-20	-9
-45	-1
-45	-17
0~+35	+10

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N9001B CAN MEET ASTM D2000 M6BG910 A14 B14 EO14 EO34

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