



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO GASOLINE RESISTANCE COMPUND NO. : N7037B

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 拉力強度,min

ELONGATION, % 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5	73
10	13.2
250	419
	1.318

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

LONGATION CHANGE, % 延伸率變化

+/-15	+2
+/-30	+4
-50	-15

C)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS 加硫條件

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°C X22HRS ,max

25	10
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D)ASTM NO.1 OIL IMMERSIONN @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~+10	+10
-25	+19
-45	-21
-10~+5	-10

E)ASTM IRM 903 OIL IMMERSIONN @100°C X70HRS 耐 3#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

-10~+5	+5
-45	+11
-45	-23
0~+25	+1

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7037B CAN MEET ASTM D2000 M2BG710 A14 B14 EO14 EO34

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Test by:QC08