



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 70 DURO PURPLE

COMPUND NO. : N7001P

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 拉力强度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT TEST RESULT

70+/-5	73
10	13.6
250	430
	1.432

B)HEAT RESISTANCE @100°C X70HRS 老化试验

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

LONGATION CHANGE, % 延伸率变化率

+/-15	+1
-20	+2
-40	-1

C)COMPRESSION SET 压缩永久变形试验

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	20
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D)ASTM NO.1 OIL IMMERSION @100°C X70HRS 耐 1 #油试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE, % 拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, % 体积变化率

-5~+15	+2
-25	+6
-45	-12
-10~+5	-4

E)ASTM IRM 903 OIL IMMERSION @100°C X70HRS 耐 3#油试验

HARDNESS CHANGE , POINTS 硬度变化

TENSILE STRENGTH CHANGE, %拉力强度变化率

ELONGATION CHANGE, %延伸率变化率

VOLUME CHANGE, % 体积变化率

0~-15	-8
-45	-13
-45	-5
0~+35	+11

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N7001P CAN MEET ASTM D2000 M5BG710 A14 B14 EO14 EO34

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