



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :CR60 DURO BLACK

COMPOUND NO:C6001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS SHORE A 硬度

TENSILE STRENGTH, Mpa ,min 拉力強度

ELONGATION, % ,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
60 +/- 5	65
10	13.5
350	354
	1.471

B)HEAT AGING @ 100 DEGREE C X 70 HRS 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	+2
-15	-5
-40	-15

C)COMPRESSION SET 壓縮永久變形試驗

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

35	31
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D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 100 DEGREE C X 70H 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

+/- 10	-1
-30	+4
-30	-12
-10~+15	-4

E) FLUID RESISTANCE,TEST METHOD NO.3.oil @ 100 DEGREE C X 70H 耐 3#油試驗

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

-60	-47
-50	-24
+100	+54

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C6001B CAN MEET ASTM D2000 M2BC610 A14 B14 EO14 EO34
TEMPERATURE RANGE:-40℃~100℃.



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08