



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :CR 70 DURO BLACK LOW TEMPERATURE

COMPOUND NO:C7063B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

	REQUIREMENT	TEST RESULT
HARDNESS SHORE A 硬度	70+/-5	74
TENSILE STRENGTH, Mpa,min 拉力強度	7.0	15.3
ELONGATION, %,min 延伸率	200	203
SPECIFIC GRAVITY 比重		1.393

B)HEAT AGING @ 100 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE , POINTS 硬度變化	+15	+3
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-15	+9
ELONGATION CHANGE , % 延伸率變化率	-40	-18

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 100 DEGREE C X 22 HRS %,max	35	16
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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	+/-10	+1
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-30	+1
ELONGATION CHANGE , % 延伸率變化率	-30	-26
VOLUME CHANGE, % 體積變化率	-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	-60	-52
ELONGATION CHANGE , % 延伸率變化率	-50	-33
VOLUME CHANGE, % 體積變化率	+100	+51

F) LOW TEMPERATURE BRITTLINESS 低溫脆性試驗

TESTS AFTER 3MIN AT -55 DEGREE C	pass	NONBRITTLE
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NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C7063B CAN MEET ASTM D2000 M3BC707 A14 B14 EO14 EO34 F19



QC Manager: Grace chen

QC.Dept:Dolly Zhou

Test by:QC08