



**ESCORT SEAL**

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :FLUOSIL80 DURO BLACK

COMPOUND NO:F8001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	80+/-5	81
TENSILE STRENGTH,Mpa 拉力強度,min	6.0	8.3
ELONGATION,%延伸率,min	150	193
SPECIFIC GRAVITY 比重		1.494
<b>B)HEAT AGING @ 225 DEGREE C X 70 HRS 老化試驗</b>		
HARDNESS CHANGE , 硬度變化	+15	+4
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-45	-13
ELONGATION CHANGE ,% 延伸率變化	-45	-35
<b>C)COMPRESSION SET 壓縮永久變形試驗</b>		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	50	23
<b>D)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H 耐 3#油試驗</b>		
HARDNESS CHANGE ,MAX POINTS 硬度變化	0~-10	+0
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-35	-2
ELONGATOIN CHANGE ,% 延伸率變化	-30	-16
VOLUME CHANGE 體積變化	0~+10	+2
<b>E) TT-S-735 TYPE III FUEL RESISTANCE : 23 DEGREE C X22H 燃油試驗</b>		
HARDNESS CHANGE ,MAX POINTS 硬度變化	0~-15	-15
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-60	-18
ELONGATOIN CHANGE ,%延伸率變化	-50	-6
VOLUME CHANGE 體積變化	0~+25	+17
<b>F) LOW TEMPERATURE BRITTLINESS 耐低溫試驗</b>		
TESTS AFTER 3MIN AT -55 DEGREE C		NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND F8001B CAN MEET ASTM D2000 M2FK806 A19 EF31 EO36 F19

QA Manager: Grace Chen

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Test by:QC08

