



**ESCORT SEAL**

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL :FLUOSIL 60 DURO BLUE

COMPOUND NO:F6001U

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	60+/-5	65
TENSILE STRENGTH,Mpa 拉力強度,min	6.0	11.5
ELONGATION,% 延伸率 ,min	150	332
SPECIFIC GRAVITY 比重		1.44
B)HEAT AGING @ 200 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE , 硬度變化	+15	+3
TENSILE STRENGTH CHANGE ,% 拉力強度變化率	-45	-33
ELONGATION CHANGE ,% 延伸率變化	-45	-25
C)COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	50	10
D)FLUID RESISTANCE,TEST METHOD D471,FUEL C @ 23 DEGREE C X 70H 耐燃油 C 試驗		
HARDNESS CHANGE ,MAX POINTS 硬度變化	0~15	-13
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-60	-23
ELONGATOIN CHANGE ,% 延伸率變化	-50	-11
VOLUME CHANGE 體積變化	0~+25	+21
E)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H 耐 3#油試驗		
HARDNESS CHANGE ,MAX POINTS 硬度變化	0~10	-2
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-35	-8
ELONGATOIN CHANGE ,% 延伸率變化	-30	+10
VOLUME CHANGE 體積變化	0~+10	+3

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND F6001U CAN MEET ASTM D2000 M2FK606 A19 EF31 EO36

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