



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : FSIL 80 DURO BLUE

COMPOUND NO: F8001U

Physical Properties (Press Cure:170°CX10min Post Cure:200°CX4h)	Requirement	Test result
Hardness,Point 硬度(邵A)	55.00~65.00	78.20
Tensile Strength,min,Mpa 拉力強度	6.00	1078.00
Ultimate Elongation,min,% 延伸率	150.00	177.00
Specific Gravity, 比重		1.55

Heat Resistance 70h@225°C 老化試驗

Change in hardness,Point 硬度變化(邵A)	+15.00	-0.30
Change in tensile strength,max,% 拉伸強度變化率	-45.00	-34.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-45.00	-33.00
Change in volume,% 體積變化率		-1.70

Fluid Resistance Fuel C Resistance 70h@23°C 燃油C試驗

Change in hardness,Point 硬度變化	-15.00~0.00	+0
Change in tensile strength,max,% 拉力強度變化率	-60.00	+0
Change in ultimate elongation,max,% 延伸率變化率	-50.00	+0
Change in volume,% 體積變化率	0.00~25.00	+0

Fluid Resistance No.3 Oil Resistance 70h@150°C 3號油試驗

Change in hardness,Point 硬度變化	-10.00~0.00	-0.80
Change in tensile strength,max,% 拉力強度變化率	-35.00	-9.00
Change in ultimate elongation,max,% 延伸率變化率	-30.00	-15.00
Change in volume,% 體積變化率	0.00~10.00	+2.10

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND F8001U CAN MEET ASMT 2000 M2FK606A19EF31EO36Z1:Pantone2130C
Z2:HD80±5