

TEST REPORT

MATERIAL :FLUOSIL80 DURO BLUE

COMPOUND NO:F8001U

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	80+/-5	84
TENSILE STRENGTH,Mpa 拉力強度,min	6.0	9.1
ELONGATION,%延伸率,min	150	156
SPECIFIC GRAVITY 比重		1.487
B)HEAT AGING @ 225 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	-45	-29
ELONGATION CHANGE ,% 延伸率變化	-45	-43
C)COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	---	27
D)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H 耐 3#油試驗		
CHANGE IN HARDNESS ,MAX POINTS 硬度變化	0~-10	-1
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-35	-2
ELONGATOIN CHANGE ,% 延伸率變化	-30	-21
CHANGE IN VOLUME 體積變化	0~+10	+4
E) TT-S-735 TYPE III FUEL RESISTANCE : 23 DEGREE C X22H 燃油試驗		
CHANGE IN HARDNESS ,MAX POINTS 硬度變化	0~-15	-14
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-60	-24
ELONGATOIN CHANGE ,%延伸率變化	-50	-15
CHANGE IN VOLUME 體積變化	0~+25	+15
F) LOW TEMPERATURE BRITTLENESS 耐低溫試驗		
TESTS AFTER 3MIN AT -55 DEGREE C		NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND F8001U CAN MEET ASTM D2000 M2FK806 A19 EF31 EO36 F19

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Test by:QC08