

TEST REPORT

MATERIAL :FLUOSIL 70 DURO BLUE

COMPOUND NO:F7001U

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	70+/-5	74
TENSILE STRENGTH,Mpa ,拉力強度 ,min	6.0	10.5
ELONGATION,% 延伸率 ,min	150	322
SPECIFIC GRAVITY 比重		1.468
B)HEAT AGING @ 225 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE , 硬度變化	-5~+10	+2
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-45	-19
ELONGATION CHANGE ,% 延伸率變化	-45	-9
C)COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 175 DEGREE C X 22 HRS %,max	50	8
D)FLUID RESISTANCE,TEST METHOD D471,FUEL C @ 23DEGREE C X 70H 耐燃油 C 試驗		
HARDNESS CHANGE ,MAX POINTS 硬度變化	0~-15	-3
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-60	-16
ELONGATION CHANGE ,% 延伸率變化	-50	-10
VOLUME CHANGE 體積變化	0~+25	+3
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	-5
ELONGATION CHANGE ,% 延伸率變化	-30	-2
VOLUME CHANGE 體積變化	0~+10	+3
F)LOW TEMPERATURE BRITTLINESS 低溫脆性試驗		
TESTS AFTER 3MIN AT -55 DEGREE C	pass	NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND F7001U CAN MEET ASTM D2000 M2FK706 A19 B37 EF31 EO36 F19
TEMPERATURE RANGE:-55℃~175℃

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Test by:QC08

