

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	11.3
ELONGATION,% 延伸率 ,min	150	318
SPECIFIC GRAVITY 比重		1.475
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	-17
ELONGATION CHANGE ,% 延伸率變化	-45	-23
C)COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	50	12
D)FLUID RESISTANCE,TEST METHOD D471,FUEL C @ 23 DEGREE C X 70H 耐燃油 C 試驗		
CHANGE IN HARDNESS ,MAX POINTS 硬度變化	0~-15	-14
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-60	-13
ELONGATOIN CHANGE ,% 延伸率變化	-50	-4
CHANGE IN VOLUME 體積變化	0~+25	+17
E)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	-3
TENSILE STRENGTH CHANGE ,% 拉力強度變化	-35	-14
ELONGATOIN CHANGE ,% 延伸率變化	-30	-20
CHANGE IN VOLUME 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 F19

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Test by:QC08