

**TEST REPORT**

MATERIAL :FLUOSIL 60 DURO BLACK

COMPOUND NO:F6001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A	60+/-5	64
TENSILE STRENGTH,Mpa,min	6.0	11.9
ELONGATION,%,min	150	359
SPECIFIC GRAVITY.		1.467
B)HEAT AGING @ 225 DEGREE C X 70 HRS		
HARDNESS CHANGE ,	+15	+4
TENSILE STRENGTH CHANGE ,%	-45	-14
ELONGATION CHANGE ,%	-45	-18
C)COMPRESSION SET		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	50	12
D)FLUID RESISTANCE,TEST METHOD D471,FUEL C @ 23 DEGREE C X 70H		
CHANGE IN HARDNESS ,MAX POINTS	0~-15	-14
TENSILE STRENGTH CHANGE ,%	-60	-31
ELONGATOIN CHANGE ,%	-50	-21
CHANGE IN VOLUME	0~+25	+17
E)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H		
CHANGE IN HARDNESS ,MAX POINTS	0~-10	-3
TENSILE STRENGTH CHANGE ,%	-35	-9
ELONGATOIN CHANGE ,%	-30	-13
CHANGE IN VOLUME	0~+10	+3

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND F6001B CAN MEET ASTM D2000 M2FK606 A19 B37 EF31 EO36



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08