

TEST REPORT

MATERIAL :FLUOSIL 50 DURO BLUE

COMPOUND NO:F5001U

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A	50+/-5	54
TENSILE STRENGTH,Mpa ,min	6.0	8.9
ELONGATION,%,min	150	384
SPECIFIC GRAVITY		1.408
B)HEAT AGING @ 225 DEGREE C X 70 HRS		
HARDNESS CHANGE ,	+15	+1
TENSILE STRENGTH CHANGE ,%	-45	-28
ELONGATION CHANGE ,%	-45	-11
C)COMPRESSION SET		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	50	6
D) FUEL C RESISTANCE 23DEGREE C X 70HRS		
HARDNESS CHANGE, ,MAX POINTS	0~ -15	-11
TENSILE STRENGTH CHANGE ,%	-60	-49
ELONGATION CHANGE ,%	-50	-39
VOLUME CHANGE,%	0~+25	+22
E)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H		
HARDNESS CHANGE, ,MAX POINTS	0~-10	-8
TENSILE STRENGTH CHANGE ,%	-35	-15
ELONGATION CHANGE ,%	-30	-5
CHANGE IN VOLUME	0~+10	+4

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND F5001U CAN MEET ASTM D2000 M2FK506 A19 EF31 EO36

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Test by:QC08