

**TEST REPORT**

MATERIAL :FLUOSIL90 DURO BLUE

COMPOUND NO:F9001U

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A	90+/-5	86
TENSILE STRENGTH,Mpa,min	---	7.9
ELONGATION,% ,min	---	130
SPECIFIC GRAVITY		1.484
<b>B)HEAT AGING @ 200 DEGREE C X 70 HRS</b>		
HARDNESS CHANGE ,		+1
TENSILE STRENGTH CHANGE ,%		-16
ELONGATION CHANGE ,%		-35
<b>C)COMPRESSION SET</b>		
HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	----	17
<b>D)FLUID RESISTANCE,TEST METHOD D471,NO.1 OIL @ 150DEGREE C X 70H</b>		
CHANGE IN HARDNESS ,MAX POINTS	---	-15
TENSILE STRENGTH CHANGE ,%	---	-19
ELONGATOIN CHANGE ,%	---	-1
CHANGE IN VOLUME	---	+14
<b>E)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H</b>		
CHANGE IN HARDNESS ,MAX POINTS	---	-3
TENSILE STRENGTH CHANGE ,%	---	+0
ELONGATOIN CHANGE ,%	---	-2
CHANGE IN VOLUME	---	+2

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08