

TEST REPORT

MATERIAL :ACR 70 DURO BLACK

COMPOUND NO:A7001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A	70+/-5	74
TENSILE STRENGTH, Mpa,min	9.0	10.3
ELONGATION, % ,min	125	178
SPECIAL GRAVITY,		1.30
B)HEAT AGING @ 175 DEGREE C X 70 HRS		
HARDNESS CHANGE , POINTS	+10	+9
TENSILE STRENGTH CHANGE , %	-30	-1
ELONGATION CHANGE , %	-40	-11
C)COMPRESSION SET		
HEAT AGING @ 175 DEGREE C X 22 HRS %,max	60	18
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	+/-5	+5
TENSILE STRENGTH CHANGE , %	-20	+16
ELONGATION CHANGE , %	-30	-10
VOLUME CHANGE, %	+/-5	-4
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-20	-5
TENSILE STRENGTH CHANGE , %	-40	+9
ELONGATION CHANGE , %	-30	-6
VOLUME CHANGE, %	+25	+7

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND A7001B CAN MEET ASTM D2000 M3EH709 A27 B17 EO16 EO36

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Test by:QC08