

TEST REPORT

MATERIAL :ACR 80 DURO BLACK

COMPOUND NO:A8001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT TEST RESULT	
HARDNESS SHORE A	80+/-5	83
TENSILE STRENGTH, Mpa ,min	10	11.2
ELONGATION, % ,min	100	141
GRAVITY,		1.333
B)HEAT AGING @ 175 DEGREE C X 70 HRS		
HARDNESS CHANGE , POINTS	+10	+3
TENSILE STRENGTH CHANGE , %	-30	-8
ELONGATION CHANGE , %	-40	+9
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	+3
TENSILE STRENGTH CHANGE , %	-20	+8
ELONGATION CHANGE , %	-30	-9
VOLUME CHANGE, %	+/-5	-1
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H		
HARDNESS CHANGE, POINTS	-20	-9
TENSILE STRENGTH CHANGE , %	-40	+2
ELONGATION CHANGE , %	-30	-4
VOLUME CHANGE, %	+25	+10

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND A8001B CAN MEET ASTM D2000 M3EH810 A27 B37 EO16 EO36

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Test by:QC08