

**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 硬度	80+/-5	84
TENSILE STRENGTH, Mpa ,min 拉力強度	10	11.5
ELONGATION, % ,min 延伸率	100	138
GRAVITY, 比重		1.337
B)HEAT AGING @ 175 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE , POINTS 硬度變化	+10	+5
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-30	-8
ELONGATION CHANGE , % 體積變化率	-40	-10
C)COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 175 DEGREE C X 22 HRS %,max	60	27
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H 耐 1#油試驗		
HARDNESS CHANGE, POINTS 硬度變化	-5~+5	+4
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-20	+16
ELONGATION CHANGE , %延伸率變化率	-30	-2
VOLUME CHANGE, %	+/-5	-1
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H 耐 3#油		
HARDNESS CHANGE, POINTS 硬度變化	-20	-6
TENSILE STRENGTH CHANGE , %拉力強度變化率	-40	+7
ELONGATION CHANGE , % 延伸率變化率	-30	-12
VOLUME CHANGE, %體積變化率	+25	+11

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