

TEST REPORT

MATERIAL :ACR 90 DURO BLACK

COMPOUND NO:A9001B

A)PHYSICAL PROPERTIES (PRESS CURE @ 170DEGREE C X 10 MIN)	REQUIREMENT	TEST RESULT
HARDNESS SHORE A 硬度	90+/-5	87
TENSILE STRENGTH, Mpa ,min 拉力強度	7.0	11.7
ELONGATION, % ,min 延伸率	125	157
GRAVITY, 比重		1.352
B)HEAT AGING @ 150 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE , POINTS 硬度變化	+10	+4
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-25	-20
ELONGATION CHANGE , % 體積變化率	-30	-22
C)COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 150 DEGREE C X 22 HRS %,max	75	18
D)FLUID RESISTANCE,TEST METHOD NO.1.OIL @ 150DEGREE C X 70H 耐 1#油試驗		
HARDNESS CHANGE, POINTS 硬度變化	-8~+10	+2
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-20	+0
ELONGATION CHANGE , %延伸率變化率	-30	-22
VOLUME CHANGE, %	-5~+10	-1
E) FLUID RESISTANCE,TEST METHOD NO.3.OIL @150DEGREE C X 70H 耐 3#油		
HARDNESS CHANGE, POINTS 硬度變化	-30	-8
TENSILE STRENGTH CHANGE , %拉力強度變化率	-60	-5
ELONGATION CHANGE , % 延伸率變化率	-30	-24
VOLUME CHANGE, %體積變化率	+50	+10

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND A9001B CAN MEET ASTM D2000 M4DF907 A26 B16 EO16 EO36



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Test by:QC08