

TEST REPORT

MATERIAL :CR 50 DURO BLACK

COMPOUND NO:C5001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

	REQUIREMENT	TEST RESULT
HARDNESS SHORE A 硬度	50+/-5	52
TENSILE STRENGTH, Mpa,min 拉力強度	10	11.9
ELONGATION, %,min 延伸率	350	350
SPECIFIC GRAVITY 比重		1.40

B)HEAT AGING @ 100 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE , POINTS 硬度變化	+15	+2
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-15	+1
ELONGATION CHANGE , % 延伸率變化率	-40	-15

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 100 DEGREE C X 22 HRS %,max	35	32
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D)FLUID RESISTANCE,TEST METHOD NO.1.oil @ 100 DEGREE C X 70H 耐 1#油試驗

HARDNESS CHANGE , points 硬度變化	+/-10	+1
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-30	+8
ELONGATION CHANGE , % 延伸率變化率	-30	-14
VOLUME CHANGE, % 體積變化率	-10~+15	-8

E) FLUID RESISTANCE,TEST METHOD NO.3.oil @ 100 DEGREE C X 70H 耐 3#油試驗

TENSILE STRENGTH CHANGE , % 拉力強度變化率	-70	-61
ELONGATION CHANGE , % 延伸率變化率	-55	-26
VOLUME CHANGE, % 體積變化率	+120	+51

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C5001B CAN MEET ASTM D2000 M2BC510 A14 B14 EO14 EO34

