

TEST REPORT

MATERIAL :CR 70 DURO BLACK HIGH STRENGTH

COMPOUND NO:C7039B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS SHORE A 硬度

TENSILE STRENGTH, Mpa,min 拉力強度

ELONGATION, %,min 延伸率

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
70+/-5	73
21	25.0
300	360
	1.348

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

HARDNESS CHANGE , POINTS 硬度變化

TENSILE STRENGTH CHANGE , % 拉力強度變化率

ELONGATION CHANGE , % 延伸率變化率

+15	+5
-15	-5
-40	-6

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 100 DEGREE C X 22 HRS %,max

35	18
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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

TENSILE STRENGTH CHANGE , % 拉力強度變化率

ELONGATION CHANGE , % 延伸率變化率

VOLUME CHANGE, % 體積變化率

+/-10	-2
-30	-3
-30	-10
-10~+15	+2

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

ELONGATION CHANGE , % 延伸率變化率

VOLUME CHANGE, % 體積變化率

-60	-59
-50	-50
+100	+67

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND C7039B CAN MEET ASTM D2000 M3BC721 A14 B14 EO14 EO34



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Test by:QC08