

TEST REPORT

MATERIAL :CR 70 DURO BLACK

COMPOUND NO:C7001B

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

HARDNESS SHORE A 硬度

TENSILE STRENGTH, Mpa 拉力強度,min

ELONGATION, % 延伸率,min

SPECIFIC GRAVITY 比重

REQUIREMENT	TEST RESULT
70+/-5	67
10	15.9
250	253
	1.40

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	+3
-15	-4
-40	-17

C)COMPRESSION SET 壓縮永久變形試驗

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

35	27
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D)FLUID RESISTANCE,TEST METHOD IRM.901.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	+0
-30	+3
-30	-19
-10~+15	-1

E) FLUID RESISTANCE,TEST METHOD IRM 903.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	-54
-50	-32
+100	+54

NOTE:1)THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C7001B CAN MEET ASTM D2000 M3BC710 A14 B14 EO14 EO34
TEMPERATURE RANGE:-40°C~100°C.

