

TEST REPORT

MATERIAL :CR 70 DURO GRAY

COMPOUND NO:C7001A

A) PHYSICAL PROPERTIES

PRESS CURE @ 170DEGREE C X 10 MIN)

	REQUIREMENT	TEST RESULT
HARDNESS ,SHORE A 硬度	70+/-5	75
TENSILE STRENGTH, Mpa min 拉力強度	10	11.3
ELONGATION, % ,min 延伸率	250	495
SPECIFIC GRAVITY 比重		1.634

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

HARDNESS CHANGE , POINTS 硬度變化	+15	+3
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-15	-4
ELONGATION CHANGE , % 延伸率變化率	-40	-18

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 100 DEGREE C X 22 HRS % ,max	35	28
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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	-4
TENSILE STRENGTH CHANGE , % 拉力強度變化率	-30	+3
ELONGATION CHANGE , % 延伸率變化率	-30	-17
VOLUME CHANGE, % 體積變化率	-10~+15	+4

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	-60	-43
ELONGATION CHANGE , % 延伸率變化率	-50	-19
VOLUME CHANGE, % 體積變化率	+100	+65

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND C7001A CAN MEET ASTM D2000 M3BC710 A14 B14 EO14 EO34



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Test by:QC08