

TEST REPORT
MATERIAL : NBR 70 DURO HIGH STRENGTH COMPUND NO. : N7039B
A) PHYSICAL PROPERTIES:

PRESS CURE @170 DEGREE C X 10 MIN

POST CURE @120 DEGREE C X 1 HR

	REQUIREMENT	TEST RESULT
HARDNESS , SHORE A 硬度	70+/-5	72
TENSILE STRENGTH, MPa 拉力強度	14	18.3
ELONGATION, %延伸率	250	376
SPECIFIC GRAVITY 比重		1.239

B)HEAT RESISTANCE @100°CX70HRS 老化試驗

HARDNESS CHANGE, POINTS 硬度變化	+/-15	+0
TENSILE STRENGTH CHANGE, %拉力強度變化	+/-30	+6
ELONGATION CHANGE, % 延伸率變化	-50	-3

C)COMPRESSION SET 壓縮永久變形

CURING CONDITIONS

PRESS CURE @170 DEGREE C X 12 MIN

POST CURE @120 DEGREE C X 1 HR

HEAT AGING @100°CX22HRS	25	14
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D)ASTM NO.1 OIL IMMERSION @100°CX70HRS 耐 1#油試驗

HARDNESS CHANGE, POINTS 硬度變化	-5~+10	-1
TENSILE STRENGTH CHANGE, %拉力強度變化	-25	+14
ELONGATION CHANGE, %延伸率變化	-45	-3
VOLUME CHANGE, %體積變化	-10~+5	+3

E)ASTM IRM 903 OIL IMMERSION @100°CX70HRS 耐 3#油試驗

HARDNESS CHANGE, POINTS 硬度變化	-10~+5	-10
TENSILE STRENGTH CHANGE, % 拉力強度變化	-45	-1
ELONGATION CHANGE, %延伸率變化	-45	-9
VOLUME CHANGE, % 體積變化	0~+25	+17

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND N7039B CAN MEET ASTM D2000 M2BG714 A14 B14 E14 E034

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Test by:QC08

