

TEST REPORT

MATERIAL : NBR 90 DURO BLACK COMPOUND NO. : N9001B

A) PHYSICAL PROPERTIES

PRESS CURE@170 DEGREE C X 10 MIN

POST CURE@120 DEGREE C X 1HR

	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	90+/-5	89
TENSILE, STRENGTH MPA 拉力強度.min	10	12.5
ELONGATION, %延伸率.min	100	202
SPECIFIC GRAVITY 比重		1.35

C)HEAT RESISTANCE @100°CX70HRS

HARDNESS CHANGE, POINTS 硬度變化	+15	+0
TENSILE STRENGTH CHANGE, % 拉力強度	-20	+4
ELONGATION CHANGE, % 延伸率	-40	-19

B)COMPRESSION SET 壓縮永久變形試驗

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 12 MIN

POST CURE@120 DEGREE C X 1HR

HEAT AGING@100 DEGREE C X 22HRS.% ,max	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~+15	+1
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	+2
ELONGATION CHANGE, %延伸率變化	-45	-19
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 拉力強度變化	0~-20	-12
TENSILE STRENGTH CHANGE, % 拉力強度變度	-45	-8
ELONGATION CHANGE, %延伸率變化	-45	-14
VOLUME CHANGE, % 體積變化	0~+35	+11

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND N9001B CAN MEET ASTM D2000 M6BG910 A14 B14 EO14 EO34
TEMPERATURE RANGE:-25°C~100°C

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Test by:QC08

