

TEST REPORT

MATERIAL : NBR 40 DURO BLACK

COMPOUND NO. : N4001B

A)PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X10min)	REQUIREMENTS	TEST RESULT
HARDNESS ,SHORE A 硬度	40+/-5	45
TENSILE STRETCH , MPa 拉力強度 ,min	7.0	10.9
ELONGATION , % 延伸率 ,min	450	644
SPECIFIC GRAVITY 比重		1.109
B) HEAT RESISTANCE @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	- 2 0	+ 0
ELONGATION CHANGE , % 延伸率變化	- 4 0	- 1 3
C) COMPRESSION SET 100 DEGREE C X 70 HRS 壓縮永久變形試驗		
SET , % ,max	25	11
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS 耐 1#油試驗		
HARDNESS CHANGE , POINTS 硬度變化	- 5 ~ + 1 5	+ 1 2
TENSILE STRENGTH CHANGE , % 拉力強度變化	- 2 5	+ 3 9
ELONGATION CHANGE 延伸率變化	-45	-1
VOLUME CHANGE , % 體積變化	- 1 0 ~ + 5	- 9
E) NO. 3 OIL RESISTANCE @100 DEGREE C X 70 HRS 耐 3#油測試		
HARDNESS CHANGE ,POINTS 硬度變化	0 ~ - 1 5	+ 0
TENSILE STRENGTH CHANGE , % 拉力強度變化	- 4 5	+ 1 8
ELONGATION CHANGE 延伸率變化	-45	-4
VOLUME CHANGE , %體積變化	0 ~ + 3 5	+ 1

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
 THIS COMPOUND N4001B CAN MEET ASTM D2000 M5BG407 A14 B14 EO14 EO34



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Test by:QC08