

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	44
TENSILE STRETCH, MPa 拉力強度, min	7.0	8.7
ELONGATION, % 延伸率, min	450	672
SPECIFIC GRAVITY 比重		1.203
B) HEAT RESISTANCE @100 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度變化	+/-15	+2
TENSILE STRENGTH CHANGE, % 拉力強度變化	-20	+9
ELONGATION CHANGE, % 延伸率變化	-40	-5
C) COMPRESSION SET 100 DEGREE C X 70 HRS 壓縮永久變形試驗		
SET, %,max	25	15
D) NO. 1 OIL RESISTANCE @100 DEGREE C X 70 HRS 耐 1#油試驗		
HARDNESS CHANGE, POINTS 硬度變化	-5~+15	+8
TENSILE STRENGTH CHANGE, % 拉力強度變化	-25	+39
ELONGATION CHANGE 延伸率變化	-45	-5
VOLUME CHANGE, % 體積變化	-10~+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~-15	-3
TENSILE STRENGTH CHANGE, % 拉力強度變化	-45	-2
ELONGATION CHANGE 延伸率變化	-45	-11
VOLUME CHANGE, % 體積變化	0~+35	+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