



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 40 DURO BLACK

COMPOUND NO: N4001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness,Point 硬度(邵A)	35.00~45.00	45.00
Tensile Strength,min,Mpa 拉力強度	7.00	9.10
Ultimate Elongation,min,% 延伸率	450.00	558.00
Specific Gravity, 比重		1.22

Heat Resistance 70h@100°C 老化試驗

Change in hardness,max,Point 硬度變化(邵A)	+15.00	+2.00
Change in tensile strength,max,% 拉伸強度變化率	-20.00	-10.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-40.00	-17.00

Compression Set 22h@100°C 壓縮永久變形試驗

Compression set,Method B,max,% 壓縮永久變形	25.00	12.00
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Fluid Resistance No.1 Oil Resistance 70h@100°C 1號油試驗

Change in hardness,Point 硬度變化	-5.00~15.00	+10.00
Change in tensile strength,max,% 拉力強度變化率	-25.00	+43.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-1.00
Change in volume,% 體積變化率	-10.00~5.00	-9.00

Fluid Resistance No.3 Oil Resistance 70h@100°C 3號油試驗

Change in hardness,Point 硬度變化	-15.00~0.00	-2.00
Change in tensile strength,max,% 拉力強度變化率	-45.00	+12.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-10.00
Change in volume,% 體積變化率	0.00~35.00	+1.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND N4001B CAN MEET ASTM 2000 M5BG407A14B14EQ14EO34

