



The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : NBR 50 DURO BLACK

COMPOUND NO: N5001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness,Point 硬度(邵A)	45.00~55.00	51.00
Tensile Strength,min,Mpa 拉力強度	8.00	11.90
Ultimate Elongation,min,% 延伸率	350.00	571.00
Specific Gravity, 比重		1.19

Heat Resistance 70h@100°C 老化試驗

Change in hardness,max,Point 硬度變化(邵A)	±15.00	+0.00
Change in tensile strength,max,% 拉伸強度變化率	±30.00	-3.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-50.00	-16.00

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	15.00
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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	-5.00~10.00	+5.00
Change in tensile strength,max,% 拉力強度變化率	-25.00	+27.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-7.00
Change in volume,% 體積變化率	-10.00~5.00	-10.00

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

Change in hardness,Point 硬度變化	-10.00~5.00	-9.00
Change in tensile strength,max,% 拉力強度變化率	-45.00	-11.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-16.00
Change in volume,% 體積變化率	0.00~25.00	+9.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND N5001B CAN MEET ASTM 2000 M2BG508A14B14EQ14EO34

