

The Manufacturer of Sealing Parts

## TEST REPORT

MATERIAL : NBR 70 DURO BLACK

COMPOUND NO: N7001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness, Point 硬度(邵A)	65.00~75.00	72.00
Tensile Strength, min, Mpa 拉力強度	14.00	14.00
Ultimate Elongation, min, % 延伸率	250.00	370.00
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)	0.00~10.00	+1.00
Change in tensile strength, max, % 拉伸強度變化率	-15.00	+9.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-35.00	-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

Fluid Resistance No.1 Oil Resistance 70h@100°C 1號油試驗		
Change in hardness, Point 硬度變化	-3.00~7.00	+5.00
Change in tensile strength, max, % 拉力強度變化率	-25.00	+16.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-12.00
Change in volume, % 體積變化率	-8.00~5.00	-8.00

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	-2.00
Change in tensile strength, max, % 拉力強度變化率	-45.00	+4.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-14.00
Change in volume, % 體積變化率	0.00~18.00	+1.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY  
 THIS COMPOUND N7001B CAN MEET ASTM 2000 AND HG/T 2579-2008(XI7445)  
 M2BG714A14B14EO14EO34

