

The Manufacturer of Sealing Parts

TEST REPORT

MATERIAL : NBR 60 DURO BLACK

COMPOUND NO: N6001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness, Point 硬度(邵A)	55.00~65.00	58.40
Tensile Strength, min, Mpa 拉力強度	10.00	1622.00
Ultimate Elongation, min, % 延伸率	300.00	549.00
Specific Gravity, 比重		1.23

Heat Resistance 70h@100°C 老化試驗		
Change in hardness, Point 硬度變化(邵A)	±15.00	+3.70
Change in tensile strength, max, % 拉伸強度變化率	±30.00	+7.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-50.00	-16.00
Change in volume, % 體積變化率		-2.30

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	9.00

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	+0.80
Change in tensile strength, max, % 拉力強度變化率	-25.00	+13.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-8.00
Change in volume, % 體積變化率	-10.00~5.00	-3.20

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	-7.10
Change in tensile strength, max, % 拉力強度變化率	-45.00	+3.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	+0.00
Change in volume, % 體積變化率	0.00~25.00	+8.40

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY

THIS COMPOUND N6001B CAN MEET ASMT 2000 M2BG610A14B14EO14EO34