

The Manufacturer of Sealing Parts

TEST REPORT

MATERIAL : NBR 90 DURO BLACK

COMPOUND NO: N9001B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness, Point 硬度(邵A)	85.00-95.00	87.00
Tensile Strength, min, Mpa 拉力強度	10.00	12.30
Ultimate Elongation, min, % 延伸率	100.00	202.00
Specific Gravity, 比重		1.34
Heat Resistance 70h@100°C 老化試驗		
Change in hardness, max, Point 硬度變化(邵A)	+15.00	+3.00
Change in tensile strength, max, % 拉伸強度變化率	-20.00	-2.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-40.00	-21.00
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	14.00
Fluid Resistance No.1 Oil Resistance 70h@100°C 1號油試驗		
Change in hardness, Point 硬度變化	-5.00-15.00	+4.00
Change in tensile strength, max, % 拉力強度變化率	-25.00	+4.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-23.00
Change in volume, % 體積變化率	-10.00-5.00	-4.00
Fluid Resistance No.3 Oil Resistance 70h@100°C 3號油試驗		
Change in hardness, Point 硬度變化	-20.00-0.00	-10.00
Change in tensile strength, max, % 拉力強度變化率	-45.00	-2.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-15.00
Change in volume, % 體積變化率	0.00-35.00	+10.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
 THIS COMPOUND N9001B CAN MEET ASTM 2000 M6BG910A14B14EQ14EO34

