



The Manufacturer of Sealing Parts

Escort Seal (Shanghai) Co., Ltd
NO.205 Jiangtian RD(E).,Songjiang
Shanghai China
Postal Code: 201613
Tel:(021)57747878
Fax:(021)51685279
Website: <https://www.escort.com.cn/CN>

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	89.00
Tensile Strength,min,Mpa 拉力強度	10.00	12.80
Ultimate Elongation,min,% 延伸率	100.00	128.00
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	+1.00
Change in tensile strength,max,% 拉伸強度變化率	-20.00	-5.00
Change in ultimate elongation,max,% 扯斷伸長率變化率	-40.00	-24.00

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	18.00
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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	+2.00
Change in tensile strength,max,% 拉力強度變化率	-25.00	+5.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-11.00
Change in volume,% 體積變化率	-10.00~5.00	-3.00

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	-3.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	+6.00
Change in volume,% 體積變化率	0.00~35.00	+9.00

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

