



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 70 DURO NSF - 61 BLACK

COMPOUND NO: N7051B

Physical Properties (Press Cure:170°CX10min Post Cure:150°CX1h)	Requirement	Test result
Hardness,Point 硬度(邵A)	65.00~75.00	68.00
Tensile Strength,min,Mpa 拉力強度	10.00	12.90
Ultimate Elongation,min,% 延伸率	250.00	600.00
Specific Gravity, 比重		1.18

Heat Resistance 70h@100°C 老化試驗

Change in hardness,max,Point 硬度變化(邵A)		+1.00
Change in tensile strength,max,% 拉伸強度變化率		-4.00
Change in ultimate elongation,max,% 扯斷伸長率變化率		-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	19.00
---------------------------------------	-------	-------

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	+0.00
Change in tensile strength,max,% 拉力強度變化率	-25.00	+9.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-20.00
Change in volume,% 體積變化率	-10.00~5.00	-1.00

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	-7.00
Change in tensile strength,max,% 拉力強度變化率	-45.00	-38.00
Change in ultimate elongation,max,% 延伸率變化率	-45.00	-44.00
Change in volume,% 體積變化率	0.00~25.00	+11.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND N7051B CAN MEET ASTM 2000 M2BG710A14B14EQ14EO34

