



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 FUEL RESISTANCE
BLACK

COMPOUND NO: N7037B

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	10.00	12.80
Ultimate Elongation, min, % 延伸率	250.00	438.00
Specific Gravity, 比重		1.33

Heat Resistance 70h@100°C 老化試驗

Change in hardness, max, Point 硬度變化(邵A)		+4.00
Change in tensile strength, max, % 拉伸強度變化率		+0.00
Change in ultimate elongation, max, % 扯斷伸長率變化率		-13.00

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
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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	-5.00~10.00	+9.00
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	-16.00
Change in volume, % 體積變化率	-10.00~5.00	-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	+5.00
Change in tensile strength, max, % 拉力強度變化率	-45.00	+12.00
Change in ultimate elongation, max, % 延伸率變化率	-45.00	-10.00
Change in volume, % 體積變化率	0.00~25.00	+2.00

NOTE: THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND N7037B CAN MEET ASTM 2000 M2BG710A14B14EQ14EO34

