



The Manufacturer of Sealing Parts

Escort Seal Co., Ltd
No. 22, Beiyuan Road, Zhongli District
Taoyuan City 320023, Taiwan
Postal Code:320
Tel:886-3-451-5000
Fax:886-3-451-0123
Website: <http://www.seal.com.tw>

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	89.20
Tensile Strength, min, Mpa 拉力強度	10.00	2043.00
Ultimate Elongation, min, % 延伸率	100.00	180.00
Specific Gravity, 比重		1.35

Heat Resistance 70h@100°C 老化試驗

Change in hardness, Point 硬度變化(邵A)	+15.00	+2.30
Change in tensile strength, max, % 拉伸強度變化率	-20.00	+4.00
Change in ultimate elongation, max, % 扯斷伸長率變化率	-40.00	-16.00
Change in volume, % 體積變化率		-1.20

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	16.00
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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	0
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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	+4.50
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	-15.00
Change in volume, % 體積變化率	-10.00~5.00	-4.80

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	-12.40
Change in tensile strength, max, % 拉力強度變化率	-45.00	-7.00
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	+9.80

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

QA Manager: John Ku

QC.Dept: Dabou Ku

Test by: QC08

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THIS COMPOUND N9001B CAN MEET ASMT 2000 M6BG910A14B14B34EO14EO34