



Anderson Seal

Material Specification Sheet

16555 W. Lincoln Ave.
New Berlin, WI 53151
262-821-0344

Test Report

Material: NBR 90 Peroxide Cured (NB901021B)

Specification: ASTM D2000 M7BG910 A14 B14 EO14 EO34 EF11 EF21

<u>Original Properties:</u>	<u>Required</u>	<u>Result</u>
Hardness, Shore A, pts	90 \pm 5	87
Tensile Strength, psi	1450	2270
Elongation, min, %	100	125
Specific Gravity		1.33+/-0.02

A14 Heat Aged: 70 h at 100°C, ASTM D573

Hardness Change, pts, Shore A		+ 1
Tensile Strength Change, %		+6
Elongation Change, %		- 18

B14 Compression Set, 22 h at 100°C, ASTM D395 Method B, Deflection, 25%, Max

25 8

EO14 Fluid Resistance, ASTM #1 Oil, 70 h at 100°C, ASTM D471

Hardness Change, pts	-5~+15	+ 2
Tensile Strength Change, %	-25	+ 1
Elongation Change, %	-45	- 15
Volume Change, %	-10~+5	- 1

EO34 Fluid Resistance, ASTM #3 Oil, 70 h at 100°C, ASTM D471

Hardness Change, pts	-10~+5	- 3
Tensile Strength Change, %	-45	- 24
Elongation Change, %	-45	- 27
Volume Change, %	0~+25	+9



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EF11 Fluid Resistance, Fuel A, 70 h at 23°C, ASTM D471

Hardness Change, pts, Shore A	±10	- 1
Tensile Strength Change, %	-25	- 5
Elongation Change, %	-25	- 7
Volume Change, %	-5~+10	+ 1

EF21 Fluid Resistance, Fuel B, 70 h at 23°C, ASTM D471

Hardness Change, pts, Shore A	0~-30	- 9
Tensile Strength Change, %	-60	- 53
Elongation Change, %	-60	- 38
Volume Change, %	0~+40	+ 24

* The above test result is based on the test slab/ test button. The actual parts will be different with this test result.

2004-05-13/cwf