

**TEST REPORT - NITRILE 70**

COMP NBOE7027  
MFR 8099

Complies to	ASTM M2BG714 A14 B14 EA14 EO14 EO34 EF11 EF21 F17		
Colour	BLACK		
Temp range	-30C TO +100C		
		Requirement	Result
Properties	Hardness Shore A	70 +/- 5	70
	Tensile Strength PSI	2030	2336
	Elongation %	250	417
	Specific Gravity		1.200
Heat Resistance A14	100C FOR 70 HRS		
	Hardness Change	+/- 15	+ 3
	Tensile Strength Change	+/- 30	+ 6.6
	Elongation Change	- 50	-9.6
Compression Set B14	100C FOR 22 HRS	25	9.3
Water Resistance EA14	Hardness Change	+/- 10	- 5
	Volume Change	+/- 15	+ 8.0
Fuel Resistance EO14	ASTM 1# 100C FOR 70 HRS		
	Hardness Change	-5 to +10	+ 2
	Tensile Strength Change	- 25	+ 6.3
	Elongation Change	- 45	- 12.5
	Volume Change	-10 to +5	- 5.8
Fuel Resistance EO34	IRM 930# 100C FOR 70 HRS		
	Hardness Change	-10 to +5	- 5
	Tensile Strength Change	- 45	+ 1.4
	Elongation Change	- 45	- 8.9
	Volume Change	0 to +25	+ 3.8
Fuel Resistance EF11	FUEL A# 23C FOR 70 HRS		
	Hardness Change	-10 to +5	- 2
	Tensile Strength Change	- 25	- 7.7
	Elongation Change	- 25	- 3.4
	Volume Change	-5 - +10	+ 1.9
Fuel Resistance EF21	FUEL B# 23C FOR 70 HRS		
	Hardness Change	- 30	- 15
	Tensile Strength Change	- 60	- 27.2
	Elongation Change	- 60	- 14.1
	Volume Change	0 - + 40	+ 14.9
Low Temp Brittleness F17	-40C FOR 3 MINS		PASS

Please note that these results are for reference purposes only and Supaseal makes no warranty, expressed or implied, that parts manufactured from this compound will perform satisfactorily in the customer's application. It is the customers responsibility to test and evaluate parts prior to use.