

The O-Ring Store LLC



We make getting o-rings easy!

FUEL B RESISTANCE					
Properties	ASTM Designation	Test Method	Unit of Measure	ASTM D2000 Specification	B90 Compound Property
Durometer Change	EF21	70 Hours @ 23°C	Shore A	0 to -30	-15
Tensile Strength Change			%	-60	-19.9
Elongation Resistance Change			%	-60	-37.3
Volume Change			%	-0 to +40	+19.6

ASTM #1 OIL RESISTANCE					
Properties	ASTM Designation	Test Method	Unit of Measure	ASTM D2000 Specification	B90 Compound Property
Durometer Change	E014	70 Hours @100°C	Shore A	-5 to +15	+1
Tensile Strength Change			%	-25	+3.1
Elongation Resistance Change			%	-45	-16.7
Volume Change			%	-10 to +5	-1.5

ASTM #3 OIL RESISTANCE					
Properties	ASTM Designation	Test Method	Unit of Measure	ASTM D2000 Specification	B90 Compound Property
Durometer Change	EO34	70 Hours @ 100°C	Shore A	-10 to +5	-4
Tensile Strength Change			%	-45	-2
Elongation Resistance Change			%	-45	-13.2
Volume Change			%	0 to +25	+11.7

LOW TEMPERATURE BRITTLINESS					
Properties	ASTM Designation	Test Method	Unit of Measure	ASTM D2000 Specification	B90 Compound Property
ASTM D2137	F16	3 Minutes@ -35°C Method A, 9.3.2	Pass/Fail	Non-Brittle	Pass

Information within is believed to be accurate and reliable. However, The O-Ring Store, LLC makes no warranty, expressed or implied, that parts supplied in this material will perform satisfactorily in specific applications. It's the customer's responsibility to evaluate the material prior to use.

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