

Data Sheet: V95 AED NORSEK M -710

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -20°C to +250°C for Static applications
-15°C to +250°C for Dynamic applications

MATERIAL : Viton rubber
SPEC.: ASTM D2000 M3HK910 A1-10 EF31 EO78 EO88

<u>Original Physical Properties</u>	<u>Requirements</u>	<u>Results</u>
Hardness,(shore A) (ASTM D2240-15 ^{e1})	95±5	97
Tensile Strength,psi(MPa) (ASTM D412-16)	1450(10)(min)	1977(13.63)
Elongation,(%) (ASTM D412-16)	100(min)	108
Modulus at 100%,psi(MPa) (ASTM D412-16)		1888(13.02)
Density,(Mg/m ³) (CNS 5341-96,Method A)		1.86

Heat age, 70 Hrs @ 250 °C (ASTM D573-04)

Hardness Change, pts.	+10(max)	+1
Tensile Strength Change, %	-25(max)	+5
Elongation Change, %	-25(max)	-8
Weight Change, %		-1.9

<u>Compression set, 22 Hrs @ 200 °C (ASTM D395-18,Method B)</u>	%(button)	34.9
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ASTM Fuel C Resistance, 70 Hrs @ 23 °C (ASTM D471-16a)

Hardness Change, pts.	±5	-2
Tensile Strength Change, %	-25(max)	+11
Elongation Change, %	-20(max)	-6
Volume Change, %	0~+10	+1.6

ASTM No. 101 Oil, 70 Hrs @ 200 °C (ASTM D471-16a)

Hardness Change, pts.	-15~+5	-4
Tensile Strength Change, %	-40(max)	-3
Elongation Change, %	-20(max)	0
Volume Change, %	0~+15	+5.4

Mobil Jet Oil II, 70 Hrs @ 200 °C (ASTM D471-16a)

Hardness Change, pts.	-15~+5	-5
Tensile Strength Change, %	-40(max)	-3
Elongation Change, %	-20(max)	+19
Volume Change, %	+25(max)	+10.4

The above test results are based on test slabs / buttons. The results from the actual parts may be different

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