

Specification: ASTM D2000 M4HK710 A1-11 B38 EF31 EO78 Z1 Z2

Z1: Hardness = 75 +/- 5 Shore A, Z2: Viton Type A

Cure System: Bisphenol

Recommended Service Temperature: 5 °F to 446 °F (-15 °C to 230 °C)

NOTES - All testing done on slabs and buttons. Material formerly known as V575.

Original Properties	Specification	V75
Hardness, Shore A	75 +/- 5	74
Tensile Strength, psi	1450 (min)	1873
Ultimate Elongation, %	175 (min)	211
Specific Gravity		1.854
Color		Black
<b>Heat Resistance - A1-11, ASTM D 573 (70 hrs @ 275 °C)</b>		
Hardness Change, points	+10 (max)	+3
Tensile Strength Change, %	-40 (max)	+11
Ultimate Elongation Change, %	-20 (max)	-19
<b>Compression Set - B38, ASTM D 395 Method B (22 hrs @ 200 °C)</b>		
Permanent Set, %	50 (max)	16
<b>Fluid Resistance, ASTM Fuel C - EF31, ASTM D 471 (70 hrs @ 23 °C)</b>		
Hardness Change, points	+/- 10	-5
Tensile Strength Change, %	-25 (max)	-17
Ultimate Elongation Change, %	-20 (max)	-12
Volume Change, %	0 to +10	+4
<b>Fluid Resistance, ASTM #101 Oil - EO78, ASTM D 471 (70 hrs @ 200 °C)</b>		
Hardness Change, points	-15 to +5	-9
Tensile Strength Change, %	-40 (max)	-18
Ultimate Elongation Change, %	-20 (max)	-13
Volume Change, %	0 to +15	+12

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