

Date: Mar-2018

Specification: ASTM D2000 3BA715 A14 B13 C12 F19 Z

Z: EA14

FDA Compliant and NSF 61 certified

NOTE: All testing done on slabs and buttons.

Original Properties	Specification	E882
Hardness, Shore A	70±5	72
Tensile Strength, psi	1500 (min)	1913
Ultimate Elongation, %	250 (min)	308
Color	-	Black
Heat Resistance - A14, ASTM D 573 (70 hrs @ 100°C)		
Hardness Change, points	±10	+1
Tensile Strength Change, %	-25 (max)	+5.82
Elongation Change, %	-25 (max)	-17.87
Compression Set - B13, ASTM D 395 Method B (22 hrs @ 70°C)		
Permanent Set, %	25 (max)	7.63
Resistance to Ozone - C12, ASTM D 1171 (50pphm x 72hrs @ 47°C)		
No Cracks after 72 hrs @ 50pphm x 72hrs @ 47°C	PASS	PASS
Low Temperature Resistance - F19, ASTM D 2137 Method A, 9.3.2		
Nonbrittle after 3 min @ -55°C	PASS	PASS
Water Resistance - Z/EA14, ASTM D 471 (70 hrs @ 100°C)		
Hardness Change, points	-	0
Tensile Strength Change, %	-	+12.49
Elongation Change, %	-	-11.54
Volume Change, %	-	+1.10



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