

*Metal Detectable

*FDA Compliant

*Green NBR

NOTE: All testing done on slabs and buttons.

Date: July-16

Physical Properties	Specification	Result
Hardness, Shore A, points	75±5	76
Tensile Strength, psi		2170
Ultimate Elongation, %		457
Tear Resistance, Kgf/cm		55
Modulus at 100%, psi		655
Modulus at 200%, psi		1220
Modulus at 300%, psi		1668
Specific Gravity, gw/cm ²		1.544
Heat Resistance - Basic, ASTM D573 (70 hrs @ 166°C)		
Hardness Change, points	±10	+2
Tensile Strength Change, %		0
Ultimate Elongation Change, %		+4
Volume Change, %		0
Fluid Resistance, Water - Basic, ASTM D471 (22 hrs @ 70°C)		
Hardness Change, points	±10	-6
Tensile Strength Change, %		+4
Ultimate Elongation Change, %		+30
Volume Change, %	±15	+3.2
Weight Change, %	±15	+2.1
Fluid Resistance, Low Fat (8% Milk Fat + 92% Distilled Water) - Basic, ASTM D471 (22 hrs @ 70°C)		
Hardness Change, points	±20	-8
Tensile Strength Change, %		+1
Ultimate Elongation Change, %		+14
Volume Change, %	±25	+3.5
Weight Change, %	±25	+2.3
Fluid Resistance, 100% Milk Fat - Basic, ASTM D471 (22 hrs @ 70°C)		
Hardness Change, points	±10	-4
Tensile Strength Change, %		+1
Ultimate Elongation Change, %		+16
Volume Change, %	±25	+2
Weight Change, %	±25	+1.3



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Fluid Resistance, Phosphoric Acid - Basic , ASTM D471 (22 hrs @ 82°C)	Specification	Result
Hardness Change, points	±10	-4
Tensile Strength Change, %		0
Ultimate Elongation Change, %		+24
Volume Change, %	±15	+3.6
Weight Change, %	±15	+2.3
Fluid Resistance, Alkaline Cleaner - Basic , ASTM D471 (22 hrs @ 82°C)		
Hardness Change, points	±10	-10
Tensile Strength Change, %		-13
Ultimate Elongation Change, %		+29
Volume Change, %	±15	+7.8
Weight Change, %	±15	+4.5
Fluid Resistance, Chlorine Sanitizer - Basic , ASTM D471 (22 hrs @ 21°C)		
Hardness Change, points	±10	-4
Tensile Strength Change, %		+4
Ultimate Elongation Change, %		+25
Volume Change, %	±15	+0.4
Weight Change, %	±15	+0.5

