



8395 Dunwoody Place | Sandy Springs, GA 30350
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PROPERTY	TEST METHOD	UNITS	REQUIREMENTS
Color	N/A	-	Black
Silicone Content	N/A	-	Silicone Free
Original Physical Properties Die C Dumbbells Tested at 20 in/mm			
Tensile Strength with Grain (Min.)	ASTM D412-06a	MPa (psi)	5.2 (754)
Tensile Strength across Grain (Min.)	ASTM D412-06a	MPa (psi)	3.0 (437)
Ultimate Elongation with Grain (Min.)	ASTM D412-06a	%	15
Ultimate Elongation across Grain (Min.)	ASTM D412-06a	%	40
Specific Gravity	ASTM D792	g/cm ³	0.9 - 1.3
Durometer Shore A (Range)	ASTM D2240-05	points	75-85
Tear Resistance Specimens Tested at 20 in/mm			
Tear Strength Die B with Grain (Min.)	ASTM D624-00	kN/m (lbf/in)	26.25 (150)
Tear Strength Die B across Grain (Min.)	ASTM D624-00	kN/m (lbf/in)	52.50 (300)
Taber Abrasion 1000 cycles with CS17 Wheels, 1000 Gram Load per Wheel			
Abrasion Resistance 1000 Cycles (Max.)	ASTM D4060-10	mg	120
Ozone Resistance Tear Die B exposed 50 hrs @ 100 pphm @ 38°C then pulled @ 20 in/mm (Min.)			
Tear Strength, Die B, with Grain (Min.)	ASTM D1149-12	kN/m (lbf/in)	26.25 (150)
Tear Strength, Die B, across Grain (Min.)	ASTM D1149-12	kN/m (lbf/in)	26.25 (150)
No Cracks Using 7x Magnification	ASTM D1149-12	kN/m (lbf/in)	No Cracks
Low Temperature Brittleness			
Low Temperature Brittle Point	ASTM D2137-11, Method A	°C	-40 Both Directions
Flammability - Flame Height: 38mm; Flame Application: 15 seconds; Specimen Size: 355x100x6.6mm			
Flammability - Maximum Burn Rate (Max.)	FMVSS 302	mm/min	100
Heat Aged Properties - Specimens Aged 70 hours @ 70°C (158°F) in Forced Air Oven			
Durometer Shore A Pts change (Max.)	ASTM D573-04	points change	+/-10
Tensile Strength with Grain (Max.)	ASTM D573-04	% change	+/-25
Tensile Strength across Grain (Max.)	ASTM D573-04	% change	+/-25
Ultimate Elongation with Grain (Max.)	ASTM D573-04	% change	+/-25
Ultimate Elongation across Grain (Max.)	ASTM D573-04	% change	+/-25
Tear Strength Die B with Grain (Max.)	ASTM D573-04	% change	+/-25
Tear Strength Die B across Grain (Max.)	ASTM D573-04	% change	+/-25