

PHYSICAL PROPERTIES	TEST METHOD	CA 30	CA 60	CA 90	CA 125	CA 185	CA 250
Nominal Thickness		1/32"	1/16"	3/32"	1/8"	3/16"	1/4"
Compressive Strength – Vertical Direction (psi)	ASTM D3575 Suffix D @25% / 50%	2.0 9.5	2.5 9.5	2.5 9.5	2.5 10.0	2.5 10.5	3 10.5
Compression Set (%)	ASTM D3575 Suffix B	< 17	< 25	< 30	< 30	< 30	< 30
Tensile Stress (psi) (at each thickness)	ASTM D3575 Suffix T MD / CMD	105 35	85 25	60 25	60 25	40 25	40 20
Elongation (%)	ASTM D3575 Suffix T MD / CMD	8 3	8 3	13 3	18 8	13 5	21 8
Tear Resistance (lb/in) (at each thickness)	ASTM D3575 Suffix G MD / CMD	11 18.5	8.5 15.0	9.0 14.0	8.5 13.5	7.5 11.5	8.0 12
Density Range (lb/ft³)	ASTM D3575	1.20 - 1.40	1.0 - 1.30	1.0 – 1.30	1.0 – 1.30	1.0 – 1.30	1.0 – 1.30
Water Absorption (lb/ft²)	ASTM D3575 Suffix L	0.1	0.1	0.1	0.1	0.1	0.1
Thermal Stability MD / CMD (%)	ASTM D3575 Suffix S	5	5	5	5	5	5
Water Vapor Transmission Rate (GM / 100 in²/24hr)	ASTM F-1249	0.205	0.170	0.110	0.085	0.090	0.050
Thermal Resistance R-Value (HR-FT²-F/BTU)	ASTM C518	6 Layers 0.90	5 Layers 1.00	1 Layer 0.45	1 Layer 0.50	1 Layer 0.70	1 Layer 0.85
Thermal Conductivity K-Value (BTU-IN/HR-FT²-F)	ASTM C518	6 Layers 0.20	5 Layers 0.25	1 Layer 0.20	1 Layer 0.20	1 Layer 0.25	1 Layer 0.30
Static Decay (sec) (Anti-Static Grade)	EIA STD. 541 Appendix F	--	--	< 2	< 2	< 2	< 2
Surface Resistivity (ohms) (Anti-Static Grade)	EIA STD. 541 Section 4.3	--	--	1.0 x 10 ⁹ – 1.0 x 10 ¹²	1.0 x 10 ⁹ – 1.0 x 10 ¹²	1.0 x 10 ⁹ – 1.0 x 10 ¹²	1.0 x 10 ⁹ – 1.0 x 10 ¹²
Contact Corrosivity (Alum. Plate)	Method 3005 FED STD 101	None	None	None	None	None	None

* The data presented for these products is for unconverted Sealed Air Corporation brand polyethylene foam products. While values shown are typical of these products, they should not be construed as specification limits.