

Typical Physical Properties

Physical Properties	Test Method	Unit	Typical Physical Properties
Density	ASTM D3575-08 Suffix W ISO 845:2006	Kg/m ³	37
Compressive Strength Vertical @ 10% Vertical @ 25% Vertical @ 50% (100 m/min compression speed)	ASTM D3575-08 Suffix D ISO 7214:2007	KPa	50 65 125
Compressive Strength Vertical @ 25% (4th compression) Vertical @ 50% (4th compression) Vertical @ 70% (4th compression)	ISO 3386 1986 part 1 DIN 53577	KPa	30 90 220
Compression Set	ASTM D3575-08 Suffix B (50% compression) ISO 1856:2000 (25% compression)	%	< 20 < 10
Compressive Creep	ASTM D3575-08 Suffix BB 168 hrs	%	< 5 (2 psi / 14 kg/dm ²)
Compressive Creep	ASTM D3575-08 Suffix BB 1000 hrs	%	< 10 (2,5 psi / 17,5 kg/dm ²)
Thermal Stability	ASTM D3575-08 Suffix S ISO2796	%	< 2
Tensile Strength @ peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	KPa	213 165
Tensile Elongation (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	%	32 33
Tear Strength (MD/CD)	ASTM D3575-08 Suffix G	N/cm	17 14
Water Absorption	ASTM D3575-08 Suffix L ISO 2896: 1986	Volume %	< 3
Static Decay (antistatic grade-dissipative)	EIA STD 541 - 1988 Appendix F	Sec	< 2
Surface Resistivity (antistatic grade-dissipative)	EIA STD 541 -1988 Section 4.3	Ohms/square	< 10 ¹²
Surface Resistance (antistatic grade-dissipative)	IEC 61340-5-1, ed.1 2007	Ohms	< 10 ¹¹

NOTICE: The data presented for this product is for unfabricated polyethylene foam product. While values shown are typical of this product, they should not be construed as specification limits. Sealed Air makes no warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, with respect to any product, information or recommendations referred to herein, and shall not be liable for any loss or damage, directly or indirectly, related to such product, information or recommendations or for consequential or incidental damages. User should test each application to determine suitability of the product for the intended use.