

## 1.7# White EPE

### Typical Physical Properties

Specification	Test Method	Typical Results
Density Range	ASTM D3575-00	1.4-1.8 lbs/ft <sup>3</sup>
Compressive Strength @ 25% @ 50%	ASTM D3575-00, Suffix D	6 psi 14.5 psi
Compression Set	ASTM D3575-00, Suffix B	21%
Compression Creep	ASTM D3575-00, Suffix BB 168 hrs.	<10% @ 1.25 psi
Tensile Strength <i>MD</i> <i>CMD</i>	ASTM D3575-00, Suffix T	35 psi 24 psi
Tear Resistance <i>MD</i> <i>CMD</i>	ASTM D3575-00, Suffix G	11 lbs/in 8 lbs/in
Cell Size	ASTM D3576 Modified	1.2 mm
Water Absorption	ASTM D3575-00, Suffix L	<0.1 lbs/ft <sup>2</sup>
Thermal Stability	ASTM D3575-00, Suffix S	<5%
Contact Corrosivity (Alum. Plate)	Method 3005, FED STD. 101	None
Static Decay	EIA STD. 541, Appendix F	<2 sec
Surface Resistivity	EIA STD. 541, Section 4.3	1.0 x 10 <sup>9</sup> -1.0 x 10 <sup>12</sup>
Thermal Conductivity	ASTM C518-91	0.34-0.43 BTU-in/hr-ft <sup>2</sup> -°F
Thermal Resistance	ASTM C518-91	2.38-2.94 hr-ft <sup>2</sup> -°F/BTU

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