



Material Specification Sheet

Material Number: 28550

Description: 2 lbs. / ft.³ Expanded Polyethylene Foam

Applications: Soft, low-cost foam can be used for packaging and gap filling applications. It can be cut, split, die cut, skived, and laminated.

Product Construction: Closed-Cell Polyethylene Foam

Typical Physical Properties:

Property	Test Method	Specification
Color	N/A	White
Density (lbs/ft ³)	ASTM D 3575-93	2 – 2.3 lbs. / ft. ³
Compressive Strength	ASTM D 3575- 93 Suffix D	9.6
Vertical Direction (psi) @50%	ASTM D 3575- 93 Suffix D	18.6
Compressive Set (%)	ASTM D 3575 -93 Suffix B	12.4
Compression Creep (%)	ASTM D 3575-93 Suffix BB	<4.1% @ 2.0 psi
Tensile Strength (psi)	ASTM D 3575-93 Suffix T	31
Tear Resistance (lbs/inch)	ASTM D 3575-93 Suffix G	11
Cell Count (per inch)	ASTM D-3576 Modified	20-26
Water Absorption (lbs/ft ²)	ASTM D 3575-93 Suffix L	<0.3
Thermal Stability	ASTM D 3575-93 Suffix S	<5%
Thermal Conductivity k-Value	ASTM C518-91	0.43
Thermal Resistance R-Value	ASTM C518-91	2.3

This information is based on actual testing in a controlled environment. However, as conditions of use are not within our control, Amcon does not guarantee from use of such products or other information herein; no warranty expressed or implied is given. It is the user's responsibility to determine the appropriateness of the products for their specific end uses.

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