

PRODUCT SPECIFICATION SHEET CLOSED CELL POLYETHYLENE FOAM

(CFC AND HCFC FREE. RECYCLABLE MATERIAL)

Physical Properties	Test Method	Unit	Value
Density	DIN 53420	Kg/m ³	22
Tensile Strength Extrusion Direction Cross Direction	DIN 53571	N/mm ²	0,219 0,170
Elongation at Break Extrusion Direction Cross Direction	DIN 53571	%	67 52
Thermal Resistance (24h at 70 C)	ASTM D-3575-S	%	<0,5
Water Absorption	ASTM C-272-53	%	0,5
Thermal Conductivity	EN 12667	w/mK	0,0467
R Value	EN 13163	m ² K/w	0.2141
Creep Test (1 psi)	ASTM D-3575-BB	%	<2 (1 h) <5 (24 h) <8 (168 h)
Compressive Strength Vertical @ 25% (4th compression) Vertical @ 50% (4th compression) Vertical @ 70% (4th compression)	DIN 53577	N/mm ²	0,031 0,089 0,220



More information is available at
<https://www.environdec.com/library/epd18177>



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. Recycled percentage varies as condition of recycled scrap varies. Recycled resin used in this product is pre-consumer. Due to the use of various sources of recycled content, colour, surface appearance and cell size variation is an inherent characteristic of this product.