

## Stratocell® E

### PRODUCT SPECIFICATION SHEET

### CLOSED CELL POLYETHYLENE FOAM

Physical Properties	Test Method	Unit	Value
Nominal Density	ASTM D3575-08 Suffix W ISO 845:2006	Kg/m³	24
Compressive Strength Vertical @ 25% Vertical @ 50% (100mm/min compression speed)	ASTM D3575-08 Suffix D ISO 7214:2007	KPa	40 90
Compressive Strength 25% (4th compression) 50% (4th compression) 70% (4th compression) (100mm/min compression speed)	ISO 3386 1986 part 1 DIN 53577	KPa	28 83 200
Compression Set	ASTM D3575-08 Suffix B 50% Compression	%	< 10
Compressive Creep (1psi - 7kg/dm²)	ASTM D3575-08 Suffix BB 168 hrs	%	< 10
Compressive Creep (1psi - 7kg/dm²)	ASTM D3575-08 Suffix BB 1000 hrs	%	< 15
Cell Size	BS 4443/1 Met.4	Cells/25mm	≥ 21
Tensile Strength @ peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	KPa	180 150
Tensile Elongation (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	%	67 52
Thermal Conductivity	ASTM C-177 ISO 8301	W/mK	0,055
Water Absorption	ASTM D3575-08 Suffix L ISO 2896: 1986	Volume %	< 3
Thermal Stability (24hrs at 70°C)	ASTM D3575-08 Suffix S ISO 2796	%	< 2
Tear Strength (MD/CD)	ASTM D3575-08 Suffix G	N/cm	17 14
Fire-test response Characteristics (1) Transportation Automotive	FMVSS 302	-	Pass
Working temperature	-	°C	-60 +80

(1) These numerical laboratory fire-test-response characteristics are not intended to reflect hazards presented by this material under actual fire conditions

NOTICE: 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.