

Stratocell® E EcoPure™ Hybrid

PRODUCT SPECIFICATION SHEET

CLOSED CELL POLYETHYLENE FOAM, CFC AND HCFC FREE.

MANUFACTURED WITH 25% BIO DERIVED RESIN + 75% RECYCLED RESIN

Physical Properties	Test Method	Unit	Value
Nominal Density	ASTM D3575-08 Suffix W ISO 845:2006	Kg/m ³	24
Compressive Deflection 25% (4th compression) 50% (4th compression) 70% (4th compression) (100mm/min compression speed)	ISO 3386 1986 part 1 DIN 53577	KPa	24 80 200
Compressive Deflection Vertical 25% (1st compression) Vertical 50% (1st compression) Vertical 70% (1st compression) (100mm/min compression speed)	ASTM D3575-08 Suffix D ISO 7214: 2007	KPa	37 90 208
Thermal Stability (24hrs at 70°C)	ASTM D3575-08 Suffix S ISO2796	%	<2
Tensile Strength @ peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	KPa	170 145
Tensile Elongation (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	%	60 50
Water Absorption	ASTM D3575-08 Suffix L ISO 2896: 1986	Volume %	< 3
Cell Size	BS 4443/1 Met.4	Cells/25mm	≥ 20

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