



## PE Stratocell E

Polyethylene Foam (PE)

Last Changed  
13-01-2010

Properties	Standard (Test method)	Unit	Value
Density	ISO 845	kg/m <sup>3</sup>	24
Thickness	ISO 1923	mm	30
Cell diameter	BS 4443/1 Met.4	Cells/25mm	>21
Compressive strength defl. 25%	DIN 53577	N/mm <sup>2</sup>	0,031
Compressive strength defl. 50%	DIN 53577	N/mm <sup>2</sup>	0,089
Elongation (Cross dir.)	DIN 53571	%	52
Tensile strength (Machine dir.)	DIN 53571	%	67
Tensile strength crosswise	Din 53571	N/mm <sup>2</sup>	0,170
Tensile strength lengthwise	Din 53571	N/mm <sup>2</sup>	0,219
Thermal conductivity at 10°C	ISO 8301	w/mk	0,049
Water absorption	ISO 2896	%	<2 (After 24 hours)
Flammability	FMVSS 302	mm/min	>100

### Miscellaneous:

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Product:

Closed Cell Polyethylene foam, CFC and HCFC Free.

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