

Ethafoam STPE200 Foam Datasheet

Ethafoam STPE200 is a semi rigid non cross linked expanded polyethylene foam sold under the names Stratocell, Jiffy or Ethafoam.

This grade of non cross linked polyethylene foam is not fire retardant.

Description	Standard	Value	Unit
Density	DIN 53420	24	Kg/m ³
Tensile strength: extrusion direction	DIN 53571	0.219	N/mm ²
Tensile strength: cross direction	DIN 53571	0.170	N/mm ²
Elongation at break: extrusion direction	DIN 53571	67	%
Elongation at break: cross direction	DIN 53571	52	%
Compression strength 25% (4th compression)	DIN 53577	0.024	N/mm ²
Compression strength 50% (4th compression)	DIN 53577	0.081	N/mm ²
Compression strength 70% (4th compression)	DIN 53577	0.200	N/mm ²
Thermal stability (24 hours at 70°C)	ASTM D-3575-S	<0.5	%
Cell size	BS 4443/1 Met.4	>20	Cells/25mm
Water absorption after 24 hours	DIN 53428	1.19	Vol %
Working temperature range	Internal	-30 to +80	°C

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