

StratoCell[®] S

Closed cell Polyethylene foam, CFC and HCFC free.

<u>PROPERTIES</u>	<u>TEST METHOD</u>	<u>UNIT</u>	<u>VALUE</u>
DENSITY	DIN 53420	Kg/m ³	30
TENSILE STRENGTH	DIN 53571	N/mm ²	
Extrusion direction			0,318
Cross direction			0,227
ELONGATION AT BREAK	DIN 53571	%	
Extrusion direction			70
Cross direction			65
COMPRESSION STRENGTH	DIN 53577	N/mm ²	
25 % (4th compression)			0,031
50 % (4th compression)			0,091
70 % (4th compression)			0,221
THERMAL STABILITY (24h at 70° C)	ASTM D-3575-S	%	<3
THERMAL CONDUCTIVITY	ASTM C-177	W/mK	0,055
CELL SIZE	BS 4443/1 Met.4	Cells/25 mm	≥ 26
WATER ABSORPTION (after 24 hours)	DIN 53428	Vol %	0,7
SELF ESTINGUISHED (FR version)	UL 94 HF	Class	1

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