

PE-22 (Black / White) Technical Datasheet

Closed Cell, non cross linked laminated polyethylene foam, ideal for packaging applications requiring interior cushioning protection.

The foam is CFC and HCFC free. It is 100% recyclable

PROPERTIE	TEST METHOD	UNIT	TOLERANCE	VALUE
Density	DIN 53420	kg/m ³	± 10%	22
Plank thickness	ISO 1923	mm	- 0 / + 10 %	10 to 100
Plank width	ISO 1923	mm	- 0 / + 30 mm	1200
Plank length	ISO 1923	mm	- 0 / + 50 mm	2000 to 2500
Compression Strenght	DIN EN ISO 3386-1 September 2010	kPa	± 10%	See chart above
Cells Size	BS 4443/1 Met 4	Cells 25 mm	± 2	≈ 14
Water Absorption	DIN 53428	Vol%	± 10%	< 2
Linear thermal stability	DIN 53428	%	± 10%	< 2
Lambda value		W/m.K		0.046

Compression strength (kPa)	Extrusion direction	Cross direction	Vertical direction
compression 25%	29	23	34
compression 50%	93	83	94
compression 70%	230	216	238
number of cells/cm ²	≈ 31	≈ 30	≈ 30