

Technical Datasheet – PE22RE (Black)

- Minimum 65% recycled material
- Closed Cell
- Non cross-linked laminated polyethylene foam
- Ideal for packaging applications requiring interior cushioning protection
- The foam is CFC and HCFC free
- 100% Recyclable
- PIR (Post industrial recycled)



Properties	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 / + 30mm	1200
Plank length	ISO 1923	mm	- 0 / + 50mm	2000 - 2500
Compression strength	DIN EN ISO 3386-1 sept. 2010	kPa	± 10%	See chart below
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	~ 31	~ 30	~ 30