

Any Foam

APE45 Closed Cell Polyethylene Foam Specification Sheet

Test	Standard	Result	Unit
Density	ISO 845	45	Kg/m ³
Tensile strength	ISO 1798	446	kPa
Elongation	ISO 1798	227	%
Compression 10%	ISO 844	83	kPa
Compression 25%	ISO 844	100	kPa
Compression 50%	ISO 844	168	kPa
Compression Set 25% 0.5H	ISO 1856	7	%
Compression Set 25% 24H	ISO 1856	2	%
Compression Set 50% 0.5H	ISO 1856	21	%
Compression Set 50% 24H	ISO 1856	9.5	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Thermal Conductivity at 10C	ASTM C177	0.044	W/mK
Thermal Conductivity at 40C	ASTM C177	0.046	W/mK
Shore	ISO 868	61	oo
Flammability	FMVSS302	43	mm/min

APE45 is a Closed-cell cross-linked polyethylene foam sheet, produced in an extrusion process.

- Dimensional stability 24 hr at 70C < 2%.
- Dimensional stability 24 hr at 90C < 5%.
- If airholes were created during the foaming process, no more than 5 holes of diameter 2mm per 1m² of sheet are acceptable.
- Data represents typical values measured on a 10 mm thick specimen and should be considered as a guideline only.

Information presented on this specification sheet is presented to the best of our knowledge, Anyfoam Ltd reserve the rights to modify it.

