

# Any Foam

## APE30 Closed Cell Polyethylene Foam Specification Sheet

Test	Standard	Result	Unit
Density	ISO 845	30	Kg/m <sup>3</sup>
Tensile strength	ISO 1798	282	kPa
Elongation	ISO 1798	189	%
Compression 10%	ISO 844	44	kPa
Compression 25%	ISO 844	62	kPa
Compression 50%	ISO 844	122	kPa
Compression Set-0.5 Hrs	ISO 1856	12.0	%
Compression Set-24 Hrs	ISO 1856	4.0	%
Compression Set 50% 0.5 Hrs	ISO 1856	28.0	%
Compression Set 50% 24 Hrs	ISO 1856	16.0	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Thermal Conductivity at 10C	ASTM C177	0.390	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0410	W/mK
Shore-OO	ASTM D2240	54	oo
Shore A	ASTM D2240	55	A

APE30 is a Closed-cell cross-linked polyethylene foam sheet, produced in an extrusion process.

- WRAS approved for cold water use.
- Dimensional stability 24 hr at 70C < 2%.
- If pinholes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m2 of sheet are acceptable.
- MD - machine direction - along the extruder's axis.
- TD - transverse direction - Perpendicular to the extruder's axis.
- 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.

