

| Desc. | Standard | Value | Unit |
|-----------------------------|------------|----------|-----------------------|
| Density | ISO 845 | 33 | Kg/m ³ |
| Tensile strength | ISO 1798 | 274 | kPa |
| Elongation | ISO 1798 | 175 | % |
| Compression 10% | ISO 844 | 43 | kPa |
| Compression 25% | ISO 844 | 59 | kPa |
| Compression 50% | ISO 844 | 120 | kPa |
| Compression Set-0.5 Hrs | ISO 1856 | 17.0 | % |
| Compression Set-24 Hrs | ISO 1856 | 5.0 | % |
| Compression Set 50% 0.5 Hrs | ISO 1856 | 28.0 | % |
| Compression Set 50% 24 Hrs | ISO 1856 | 18.0 | % |
| Working Temperature Range | Internal | -60 \ 90 | °C |
| Water Absorption %Vol (max) | Internal | 1 | % |
| Water Vapour Transmission | ISO 1663 | 1.65 | g/m ² *24h |
| Thermal Conductivity at 10C | ASTM C177 | 0.0380 | W/mK |
| Thermal Conductivity at 40C | ASTM C177 | 0.0420 | W/mK |
| Shore-00 | ASTM D2240 | 54 | oo |

FR standard - DIN 4102-1 B2

Palfoam is a closed cell cross-linked polyethylene foam block.

Tolerances other than the above may be negotiated.

Dimensional stability 24 hr at 70C < 2%.


If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m² sheet are acceptable.

This information on Palfoam chemically cross-linked polyethylene foam is presented to the best of our knowledge. Data represents typical values measured on a 10 mm thick specimen and should be considered as guidelines only.

eFoam.co.uk Foam cut to any size



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