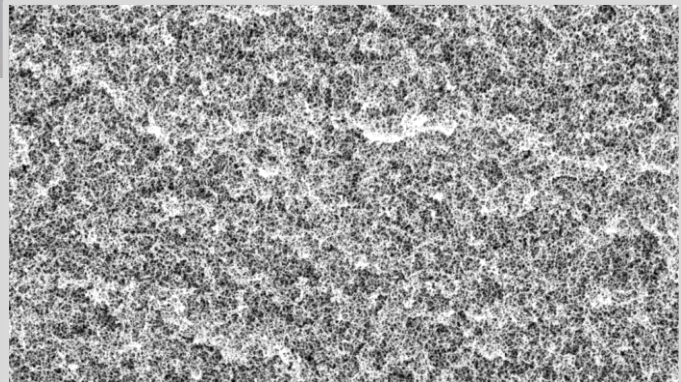




- ➔ **World's first polymer foam with pores in the nanometer range**
- ➔ **Pore size reduction of more than factor 1000 compared to common foams**

- ➔ **Produced by combining a new and disruptive foaming technology with established polymers**
- ➔ **Innovation enables an entirely new class of materials with unique properties**



### Technical specifications

Appearance	White powder	Porosity	> 90 %
Material	Thermoplastic polymer	Temperature range	-270 °C to 80 °C
Tapped density	0.10 - 0.12 g/ml	Thermal conductivity	< 23 mW/mK
BET Surface Area	≈ 100 m <sup>2</sup> /g	Surface nature	Highly hydrophobic
Mean particle size	20 μm	Pore structure	Open-cellular
Average pore size	≈ 50 nm	Polymer network	Interconnected matrix

Different particle sizes, pore sizes and densities are available on request.

