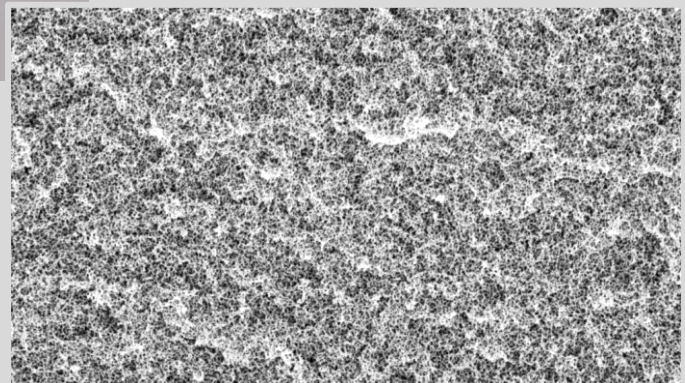




- ➔ **World's first polymer foam with pores in the nanometer range**
- ➔ **Pore size reduction of more than factor 1000 compared to common foams**

- ➔ **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 granule / powder	Average pore size	< 100 nm
Material	Thermoplastic polymer	Temperature range	-270 °C to 80 °C
Tapped density	0.05 - 0.10 g/ml	Surface nature	Highly hydrophobic
BET Surface Area	> 100 m <sup>2</sup> /g	Pore structure	Open-cellular
Mean particle size	Adjustable (0,01 to 7 mm)	Polymer network	Interconnected matrix

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

