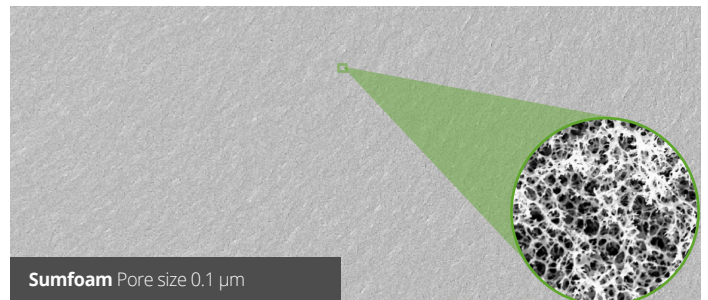
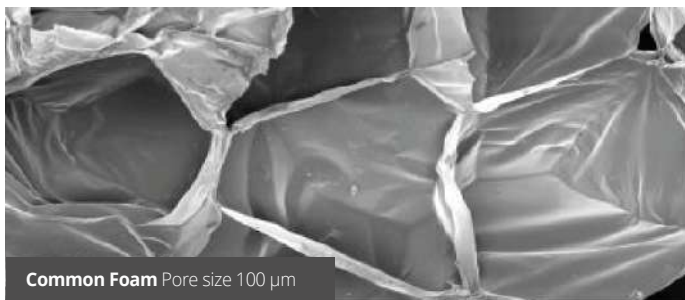




-  **Innovative**
 World's first polymer foam with pores in the nanometer range
-  **Efficient**
 Pore size reduction of more than factor 1000 compared to common foams
-  **Versatile**
 Processing established polymers with a disruptive foaming technology
-  **Unique**
 An entirely new class of materials with outstanding properties
-  **Sustainable**
 Foamed with 100% climate-friendly CO₂

Same Magnification



Fields of Applications

- Insulation
- Oil cleaning
- Oil binding agent
- Paints and lacquers
- Coatings
- Filtration
- Carrier material
- Textiles

Technical Specifications

Material	Foamed acrylic copolymer
Form	Granulate / Flakes / Powder
Pore structure	Open-cellular
Polymer network	Interconnected matrix
Thermal conductivity	< 23 mW/mK
Temperature range	-270 °C bis +80 °C
Surface nature	Hydrophobic
PH value (ISO 10390)	6.5 - 7.5

Sumfoam KU

Bulk density	60 - 100 g/l
BET surface	> 100 m ² /g
Pore size	< 50 nm
Porosity	> 85 %