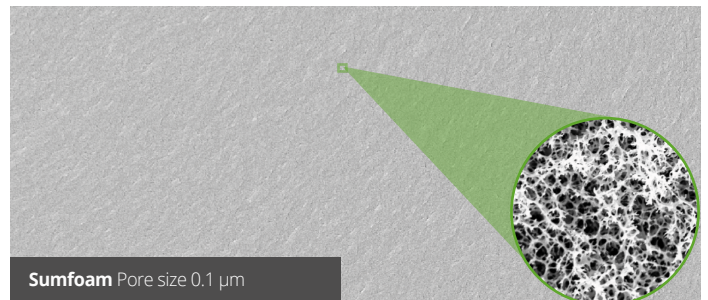
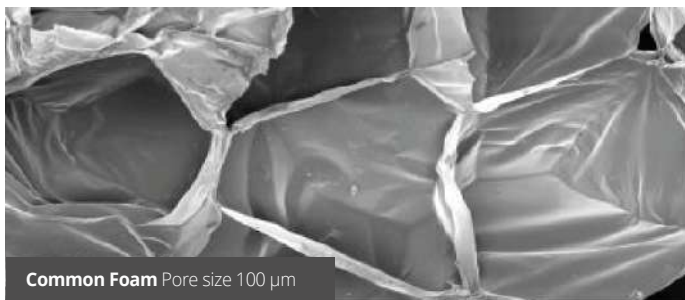




-  **Innovative**  
World's first polymer foam with pores in the nanometer range
-  **Efficient**  
Pore size reduction of more than factor 1000 compared to common foams
-  **Versatile**  
Processing established polymers with a disruptive foaming technology
-  **Unique**  
An entirely new class of materials with outstanding properties
-  **Sustainable**  
Foamed with 100% climate-friendly CO<sub>2</sub>

**Same Magnification**



**Fields of Applications**

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

**Technical Specifications**

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

	<b>Sumfoam LP</b>	<b>Sumfoam KU</b>
<b>Bulk density</b>	0.05 – 0.08 g/ml	0.08 – 0.12 g/ml
<b>BET surface</b>	> 50 m <sup>2</sup> /g	> 100 m <sup>2</sup> /g
<b>Pore size</b>	< 200 nm	< 50 nm
<b>Porosity</b>	> 90 %	> 85 %