

A New Class  
of Materials

# Sumfoam



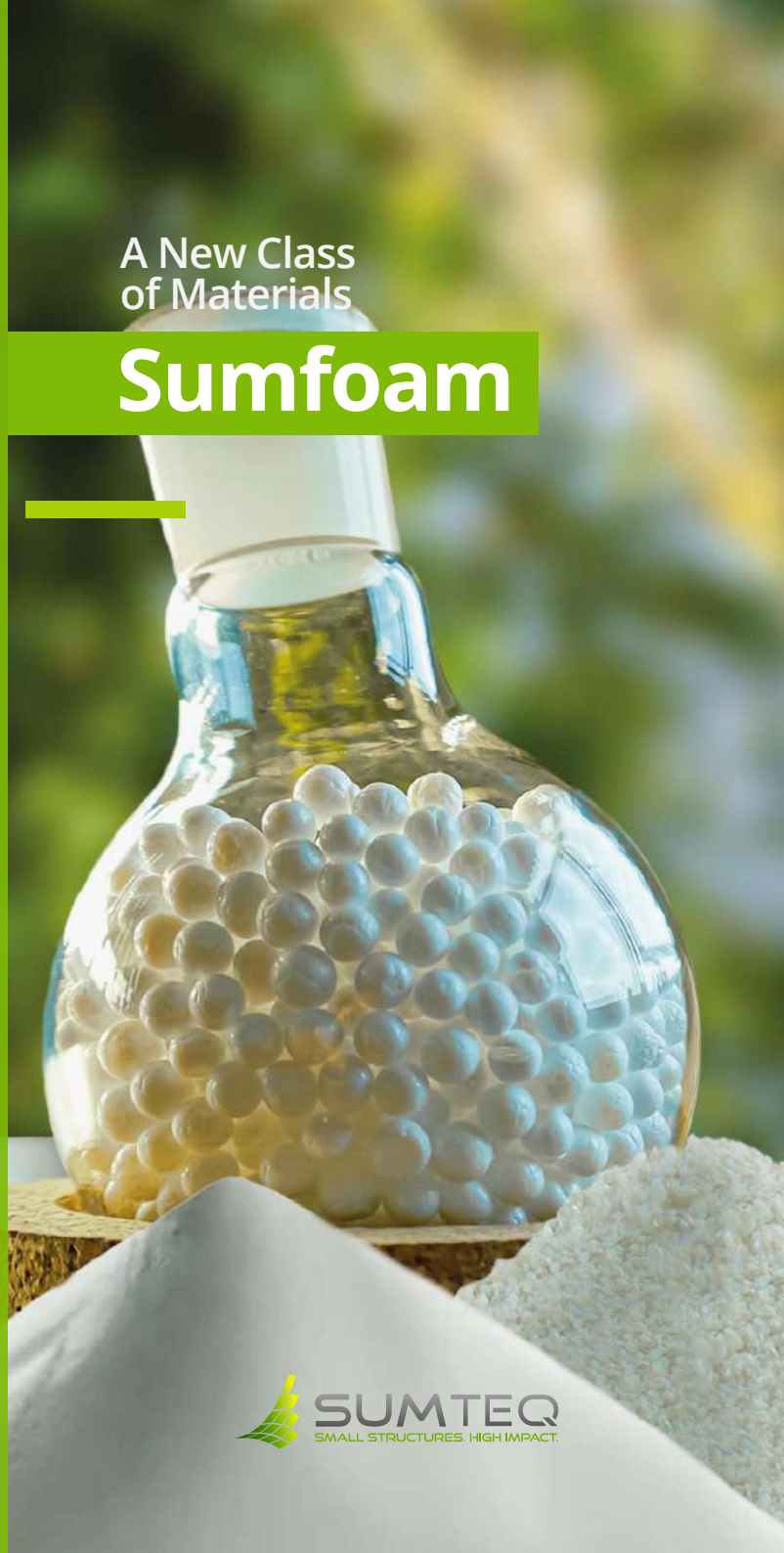
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# Sumfoam



## Innovative

World's first polymer foam with pore in the nanometer range



## Versatile

Processing established polymers with a disruptive foaming technology



## Efficient

Pore size reduction of more than factor 1000 compared to common foams



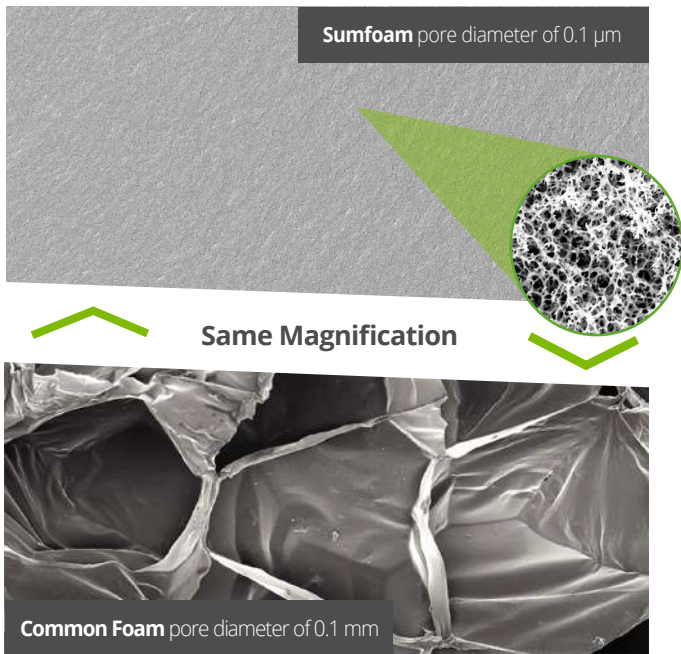
## Unique

An entirely new class of materials with outstanding properties



## Sustainable

Foamed with a 100% climate-friendly blowing agent



## Technical Specifications

Material	Foamed acrylic copolymer
Appearance	Granule / Flakes / Powder
Pore structure	Open-cellular
Polymer network	Interconnected matrix
Thermal conductivity	< 23 mW/mK
Temperature range	-270 °C to +80 °C
Surface nature	Highly hydrophobic
PH value (ISO 10390)	6.5 – 7.5

## Sumfoam KU

Bulk density	70 – 100 g/L
BET surface	> 100 m <sup>2</sup> /g
Pore size	< 50 nm
Porosity	> 85 %

## Fields of Application

