



The more  
**Efficient  
 Carrier**

### Application

Capsute is a versatile carrier material used both as a processing aid in the rubber and plastics industry and as a microcapsule. Its nanoporous structure acts like a sponge, absorbing non-polar substances within seconds.

Adjustable in particle size, Capsute allows for precise dosing of low to high-viscosity substances and waxes. Liquids such as plasticizers or flame retardants are absorbed by the foam structure and introduced to the production process as dry liquids. Additionally, the material provides an optimal solution for masking liquids to avoid premature chemical reactions.

Functioning as a microcapsule, Capsute can bind substances for the long term and release them selectively. Examples include long-lasting fragrances in textiles, food packaging, or 3D prints.

### Technical Data

<b>Material</b>	Foamed acrylic copolymer
<b>Porosity</b>	> 90 %
<b>Capacity</b>	Up to 6 times its own weight
<b>Capillary forces</b>	High
<b>Temperature range</b>	Up to 250 °C
<b>Appearance</b>	Powder *
<b>Bulk density range</b>	90 kg/m <sup>3</sup> - 140 kg/m <sup>3</sup>
<b>Loading temperature</b>	Up to 80 °C

\* Individual sizes and sieve cuts available upon request.

### Environment & Sustainability

With no propellant emissions during production to climate-efficient usage and product recycling, we prioritize sustainability and circular economy.

Thanks to its low material requirement and high loading capacity, Capsute contributes to reducing CO<sub>2</sub> emissions and thus minimizing the ecological footprint.

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