

## On-demand customized resorbable powder biomaterial



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Solvent-free micronization platform

2

Customizable

3


Quality Assurance

## RESOMER® Powder service offer

Evonik has enhanced its production capabilities for RESOMER® powders in Darmstadt, Germany. The new solvent-free micronization platform sets the benchmark for customizing GMP- and ISO13485-quality powders, tailored to your specific particle size requirements.

Evonik's next-generation biomaterials enable groundbreaking applications in the medical and aesthetic fields. Available on-demand, we have the capability to develop customized solutions based on our bioresorbable RESOMER® portfolio and custom manufacturing of polymers as part of our RESOMER® Select brand. Our RESOMER® Powder Select line includes two standard grades, with further options for customization to meet your specific needs.

	RESOMER® Powder C 212	RESOMER® Powder L 207 S	RESOMER® Powder Select
<b>Composition</b>	Poly (caprolactone) PCL	Poly (L-lactide) PLLA	RESOMER® product portfolio
<b>Degradation time of polymer*</b>	> 2 years	> 3 years	1 month up to > 3 years
<b>Inherent viscosity</b>	1.13–1.38 dL/g	1.5–2.0 dL/g	Tunable in-demand
<b>Average particle size</b>	40–70 µm	40–70 µm	Tunable in-demand



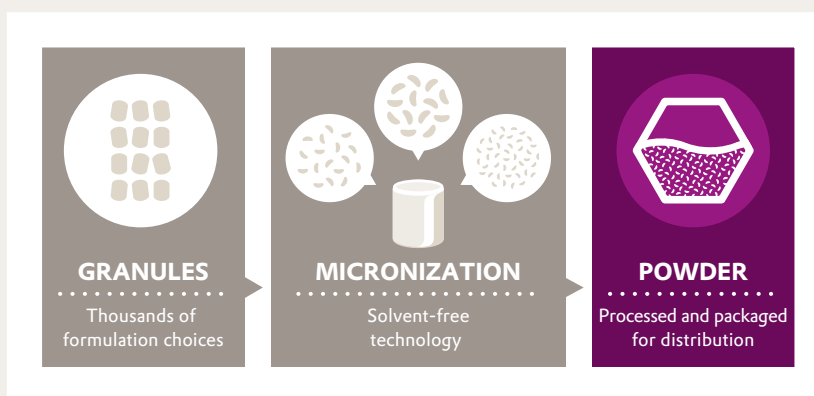
**RESOMER® Powder**

- Clean rooms according to ISO class 8
- GMP-material / ISO 13485 & Global Quality Systems
- GMP-material for human implant use

\*typical degradation time of the polymer, can vary depending on the product, process and implantation area

Our RESOMER® powder service offer leverages a record of excellence for safety, biocompatibility and supply security than spans more than 30 years of commercial use. As a global biomaterials leader with advanced processing capabilities for powders, filaments, tubes, foils and compounds, Evonik is ready to serve your upcoming project needs. Our unique capabilities can produce technical and GMP- and ISO13485-grade powders in commercial volumes.

Evonik's proprietary solvent-free micronization platform can be offered from small laboratory scale to commercial manufacturing. This allows customers to test and optimize their own formulations with smaller volumes of technical material before ordering larger commercial quantities that are manufactured under ISO 13485 and GMP standards.



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