

**Same quality.  
More possibilities.**

An ultra-low tin content PLGA excipient

Resomer® Zero



\*tin free ( $\leq 1$  ppm)



## The main features and benefits of RESOMER® Zero:

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- Premium controlled release polymer solutions with less than 1 ppm tin
- A wide range of RESOMER® Zero products can be provided:
  - Lactide-glycolide copolymer compositions up to 50% glycolide
  - Low and high IV polymers
  - Acid and ester-terminated polymers
- Patent pending
- Validated GMP processes

RESOMER® Zero is a premium offering of polymers for parenteral depot formulations. An extension of the RESOMER® Select product line, RESOMER® Zero provides controlled release polymers with residual tin content less than 1 ppm. RESOMER® Zero maintains the wide range of applications for RESOMER® controlled release products and provides a high IV complement to low IV polycondensates.

The reduction of elemental impurities in drug formulations is an increasing challenge for the pharmaceutical industry. These impurities can interact with some active pharmaceutical ingredients, and increase polymer degradation during

melt processing. Evonik has developed RESOMER® Zero to avoid such interactions by keeping the polymer as pure as possible. RESOMER® Zero is the result of continuous innovation that develops and grows Evonik's existing capabilities and intellectual property.

RESOMER® Zero is manufactured from lactide and glycolide monomers using a proprietary GMP (Good Manufacturing Practice) process. The polymers are designed to meet specific customer requirements while preserving the proven and trusted attributes of RESOMER® products.



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RESOMER® = reg. trademark of Evonik Industries AG and its subsidiaries

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