

## Bone-matching biomaterials

Enhance bone fixation devices with robust osteoconductive and mechanical properties

Resomer® Composite



Combining the **osteoconductive** properties of calcium phosphate-based ceramic additives with the proven track record of safety, efficacy, biocompatibility and supply security of RESOMER® bioresorbable polymers.



## DESIGNED FOR A RANGE OF BONE FIXATION DEVICES



Interference Screws



Suture Anchors



Fracture Plates

## A BROAD, HIGHLY FLEXIBLE LINE OF COMPOSITES

We offer the following standard range of composite materials:

- RESOMER® Composite L 210 S + 25 % HA

LAUNCHED

Evonik also offer RESOMER® Composite Select which enables customers to select the RESOMER® material and type of calcium phosphate – HA,  $\beta$ -TCP, or BCP.

- RESOMER® Composite LR 706 S + 30 %  $\beta$ -TCP

COMING SOON

- RESOMER® Composite LG 855 S + 30 %  $\beta$ -TCP

COMING SOON

## PRECISE DEGRADATION RATE PROFILES

Our RESOMER® portfolio of biore-sorbable polymers has earned a strong track record for efficacy, safety and biocompatibility over more than

30 years of commercial use. Leverage our expertise and proven processes for precise degradation rates tailored to your target application.

## ROBUST MECHANICAL PROPERTIES

Mechanical properties including elastic modulus to match the natural bone and minimize

stress shielding to encourage faster bone healing with reduced inflammation.

## READY-TO-USE AND EASY TO PROCESS

Supplied as ready-to-use pellets that are easy to process and simplifies the supply chain.

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