

CERASORB®

 ...definitely bone.

The product



CERASORB® is a resorbable phase-pure synthetic β -tricalcium-phosphate.

„Restitutio ad integrum“

Mode of action

CERASORB® has three functions in bony defects:

- CERASORB® serves as a **spacemaker** for the newly forming bone.
- It acts as **scaffolding** for bone growth.
- CERASORB® offers a **deposit of minerals** for optimum bone growth and is completely eliminated as new bone forms.

Advantages

The use of CERASORB® offers the following advantages:

- Phase purity of the ceramic material (**>99%**)
- Scaffolding and spacemaker function
- Interconnecting pores
- Remodeling into vital host bone
- Resorption at the rate of bone growth
- Biocompatibility
- No risk of disease transmission
- Suitable as carrier material for growth promoting materials
- **Approved for combination with PRP (Platelet Rich Plasma)**

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Manufactured by

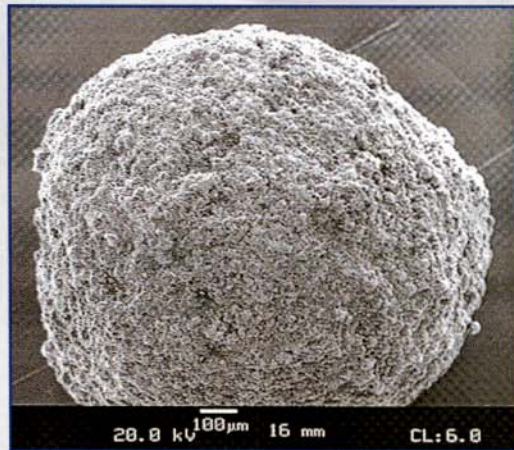
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Distributed by

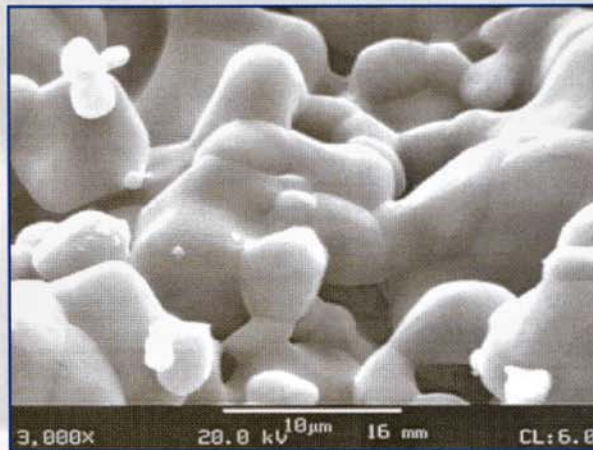


Structure

CERASORB® granules with their rounded surface are highly compatible with the living cells of the implant bed, since they do not cause mechanical irritation of the tissues.



Round solid granules with high abrasion strength. Size of micropores: 2-15µm.

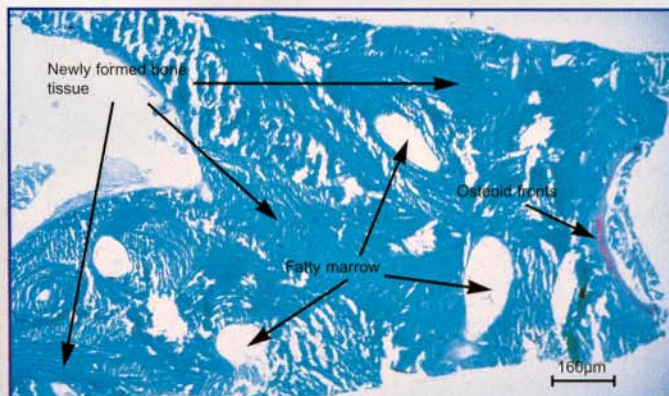


Primary grain size: 10-20µm sintered into a very solid structure; does not trigger phagocytosis by macrophages.

Advantages of the CERASORB® structure:

- Permeable micropores facilitate cell ingrowth.
- Solid granules without loosely bound subparticles.
- Primary grain size does not trigger macrophage activity.
- No irritation of the host bed.
- Offers a large surface for growth promoting materials.

Result



New host bone!

After ten months CERASORB® can in this case no longer be detected. The regenerated bone looks highly dense and shows features of mature bone.

„Restitutio ad integrum!“

Sinus elevation with CERASORB® left side, biopsy at ten month, sample size 1 x 5 mm. Histology: H.-A. Merten, Göttingen.

Indications

Numerous evidence of successful CERASORB® application available for following indications:

Orthopedics
Traumatology
Spine surgery

Hand surgery
Oral and maxillo-facial surgery
Plastic surgery



CERASORB® is a medical device.