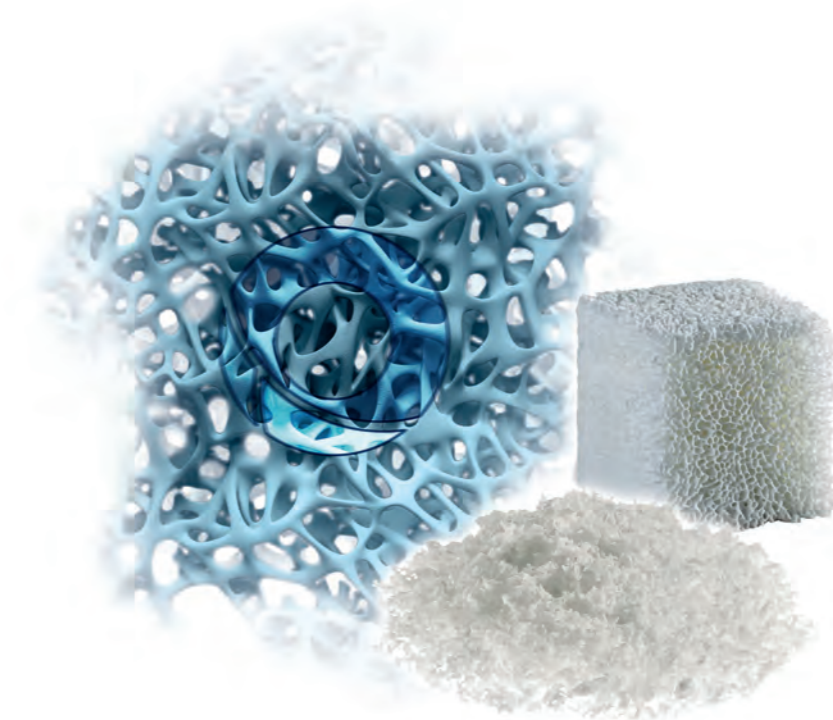


Cerabone® Hydroxyapatite ceramic

| Article | Quantity | Art.-No. |
|----------------------------------|----------|----------|
| Cerabone® Blocks | | |
| L 20 (20 mm x 20 mm x 10 mm) | 1 | 1720 |
| L 40 (20 mm x 20 mm x 20 mm) | 1 | 1740 |
| Cerabone® Granules | | |
| Grain size M (1,60 mm - 3,15 mm) | 1 x 5 ml | 1640 |
| Grain size G (3,15 mm - 6,30 mm) | 1 x 5 ml | 1680 |



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Cerabone®

Cerabone® is a ceramic bone substitute for permanent bone filling or reconstruction of aseptic bone defects whose composition and structure is nearly identical with the inorganic component of the human bone.

Benefits:

- Ceramic bone substitute consisting of hydroxyapatite
- Osteoconductive
- Interconnected macro- and microporous spongy structure
- High mechanical stability
- Complete bone ingrowth and osseous integration
- Available as granules and blocks
- Adjustable to defect size with standard surgical instruments
- Suitable for volume increase with autogenous spongiosa transplant

High stability with homogeneous porosity

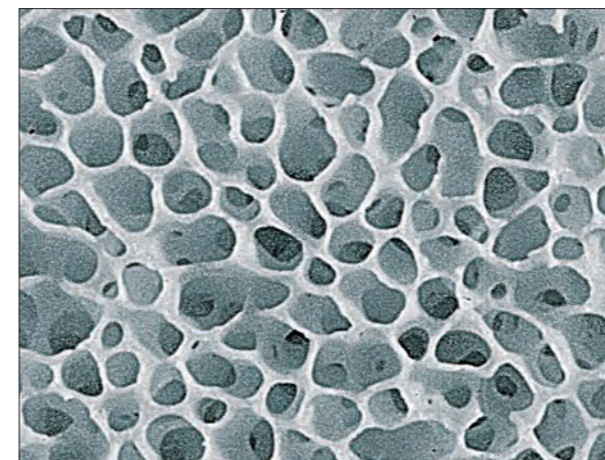
Cerabone® is manufactured from bovine cancellous bone under consistently standardized conditions. Being processed under high temperature for several hours (sintering > 1,200 °C) the interconnecting macro- and microporous hydroxyapatite ceramic system achieves a higher compressive strength than human trabecular bone.

Due to marginal differences in porosity the variations in the mechanical properties of Cerabone® are restricted to a minimum. The porosity (macroporosity) of the ceramic varies between 65 - 80 Vol. % and the pores size lies within a range of approximately 100 - 1,500 µm.

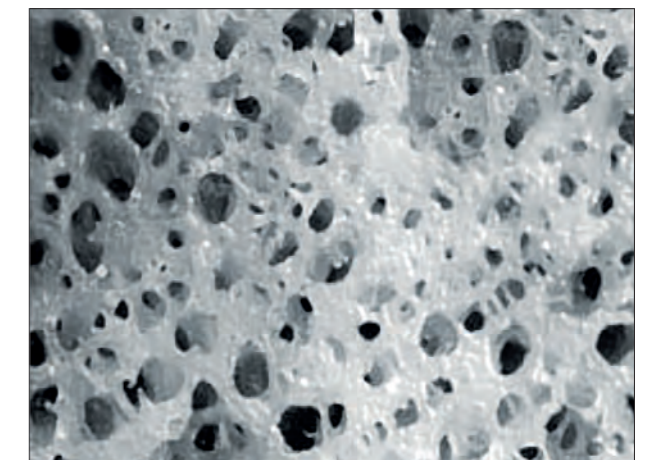
Indications:

- Filling of bone defects in juxta-articular depressed fractures
- Filling of bone defects of the acetabulum on change of prosthesis
- Filling of defects caused by excision of benign bone tumors
- Filling of bone cysts
- Filling of tissue defects in cartilage and/or bone transplants
- Filling of bone defects at donor sites following harvest of autogenous cancellous bone

Hydroxyapatite ceramic with almost identical composition and structure of the inorganic component of the human bone.



Microscopic picture of the homogeneous spongy structure of Cerabone®



Microscopic picture of the homogeneous spongy structure of human bone

Cerabone® is a ceramic bone substitute whose mineral composition and spongy bone structure is nearly identical with human bone.

Especially the interconnecting macro- and micro-structure permits complete osseous ingrowth and thereby an excellent integration into the patient's body.

