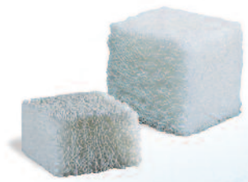
Cerabone® Blocks

SIZE		ART.-NO.
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		ART.-NO.
M (1.60 mm - 3.15 mm)	1 x 5 ml	1640
G (3.15 mm - 6.30 mm)	1 x 5 ml	1680

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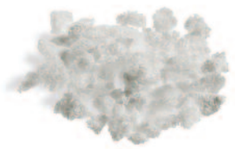
WP 3FO060 EN / 1511

Cerabone®
• Hydroxyapatite ceramic

Cerabone®

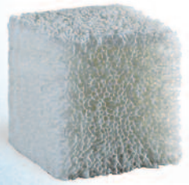
Cerabone® is a ceramic bone substitute for permanent bone filling or reconstruction of aseptic bone defects whose set-up and structure is nearly identical with the human bone.

Cerabone® Granule M
(Grain size 1.6 - 3.15 mm)



Cerabone® Granule G
(Grain size 3.15 - 6.3 mm)

Cerabone® L 20
(20 x 20 x 10 mm)



Cerabone® L 40
(20 x 20 x 20 mm)

Benefits

- Ceramic bone substitute consisiting of hydroxyapatite
- Osteoconductive
- Interconnected macro- and microporous spongious structure
- High mechanical stability
- Complete bone ingrowth and osseo 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

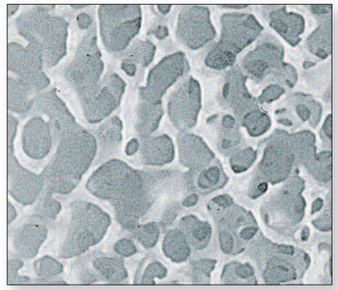
Cerabone® is manufactured from bovine cancellous bone under consistently standardized conditions. Being processed under high temperature for several hours (sintering > 1,200 °C) the interconnecting macro- and microporous hydroxyapatite ceramic system achieves a higher compressive strength than human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

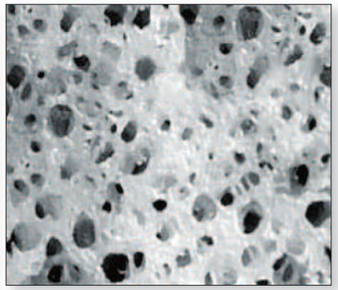
Indications

- 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 set-up and structure of the human bone



Microscopic picture of the homogeneous spongious structure of **Cerabone®**



Microscopic picture of the homogeneous spongious structure of human bone

Cerabone® is a ceramic bone substitute whose mineral set-up and spongious bone stucture is nearly identical with human bone. Especially the interconnecting macro- and microstructure permits complete osseous ingrowth and thereby an excellent integration into the patient´s body.