



SURGIBONE™
Biphasic ceramic

DESCRIPTION

SURGIBONE is composed by a mixture of tricalcium phosphate & hydroxyapatite.

This ceramic's synthesis is designed for filling bone defects.

PRESENTATION



SURGIBONE is produced in different forms:

Blocs
Wedges
Irregular granules
Spheric granules

BLOCS

Size	Content
15x15x20 mm	1 Uni / 3 Uni / 5 Uni
15x15x30 mm	1 Uni / 3 Uni / 5 Uni
10x10x5 mm	1 Uni / 3 Uni / 5 Uni
10x30x5 mm	1 Uni / 3 Uni / 5 Uni
10x30x10 mm	1 Uni / 3 Uni / 5 Uni

IRREGULAR GRANULES

Size	Content
2-4 mm	5cc / 10cc / 15cc / 20cc / 30cc
4-6 mm	5cc / 10cc / 15cc / 20cc / 30cc

WEDGES

Size	Content
20x15x8 mm	1 Uni
20x15x10 mm	1 Uni
20x15x12 mm	1 Uni
20x15x14 mm	1 Uni

SPHERIC GRANULES

Size	Content
75-125 µm	0,5 g / 1 g
125-355 µm	0,5 g / 1 g
355-500 µm	0,5 g / 1 g
500-1000 µm	0,5 g / 1 g

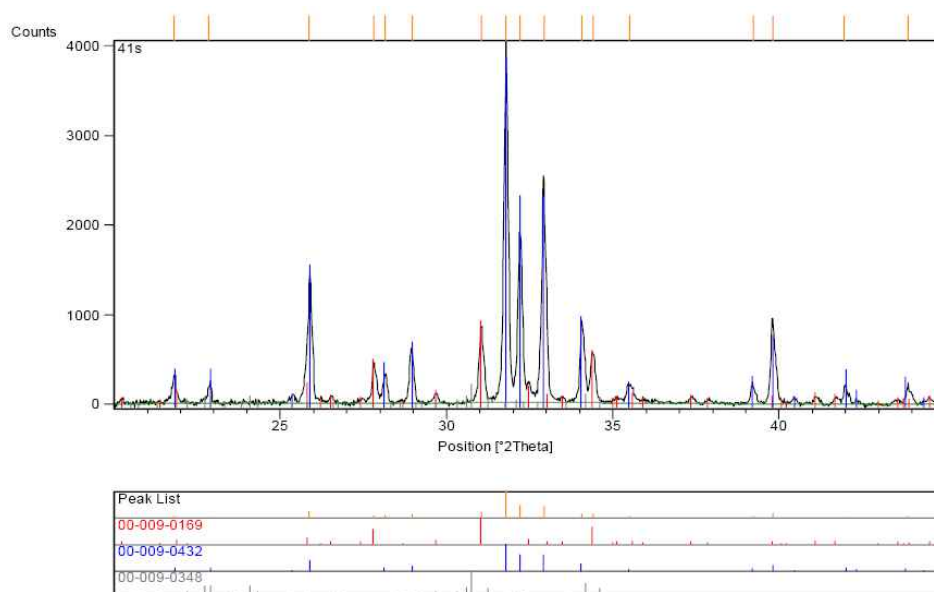
CHARACTERISTICS

Blocs, wedges and irregular granules

- Porosity: 60 a 80%
- Poro size: 200 - 500 μm
- Compressive strength > 0,5 MPa
- Chemical composition: 75% HA - 25% β -TCP

Spheric granules

- Size(μm): 75 - 125 / 125 - 355 / 355 - 500 / 500 - 1000
- Chemical composition: 75% HA - 25% β - TCP
- With micro and macroporosity

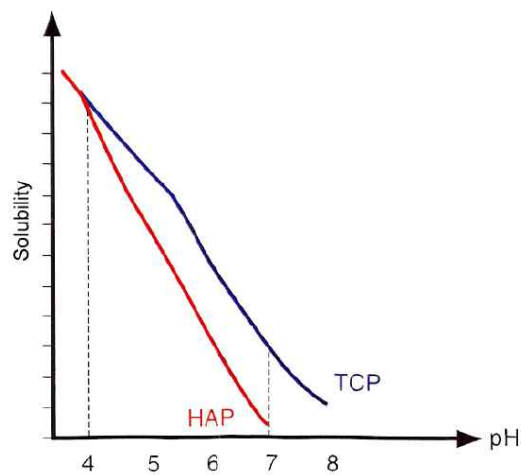


PROPERTIES AND EFFECTS

- Main component of the mineral phase of bones & teeth.
- Chemical similarity to the mineral phase of the bone tissue.
- Biocompatible: helps bone growth, allows fibroblast, osteoblast & other cells proliferation.

HYDROXYAPATITE

- Low solubility: Unlike others, such as Beta tricalcium phosphate.
- Higher stability & longevity.



TRICALCIUM PHOSPHATE

It allows a quick bone regeneration beginning & availability of calcium and phosphate's ion, for osseointegration.

REFERENCES

BLOCS

Reference	Dimensions	Quantity (per box)
F9000501	10x10x5 mm	1 u
F9000503	10x10x5 mm	2 u
F9000505	10x10x5 mm	3 u
F9000551	10x10x20 mm	1 u
F9000553	10x10x20 mm	2 u
F9000555	10x10x20 mm	3 u
F9000511	10x30x5 mm	1 u
F9000513	10x30x5 mm	2 u
F9000515	10x30x5 mm	3 u
F9000521	10x30x10 mm	1 u
F9000523	10x30x10 mm	2 u
F9000525	10x30x10 mm	3 u
F9000531	15x15x20 mm	1 u
F9000533	15x15x20 mm	2 u
F9000535	15x15x20 mm	3 u
F9000541	15x15x30 mm	1 u
F9000543	15x15x30 mm	2 u
F9000545	15x15x30 mm	3 u

WEDGES

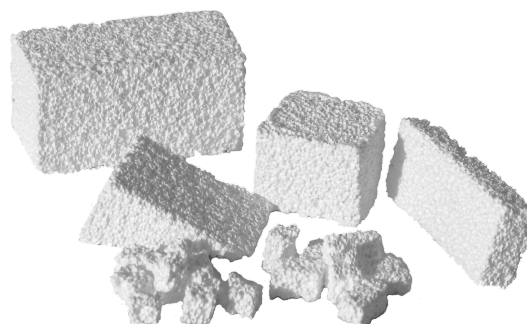
Reference	Dimensions	Quantity (per box)
F9000556	20x15x8 mm	1 u
F9000557	20x15x10 mm	1 u
F9000558	20x15x12 mm	1 u
F9000559	20x15x14 mm	1 u

SPHERIC GRANULES

Reference	Dimensions	Quantity (per box)
F9000635	75-125 µm	0,5 g
F9000636	75-125 µm	1 g
F9000637	125-355 µm	0,5 g
F9000638	125-355 µm	1 g
F9000639	355-500 µm	0,5 g
F9000640	355-500 µm	1 g
F9000645	500-1000 µm	0,5 g
F9000650	500-1000 µm	1 g

IRREGULAR GRANULES

Reference	Dimensions	Quantity (per box)
F9000565	2-4 mm	5cc
F9000570	2-4 mm	10cc
F9000575	2-4 mm	15cc
F9000580	2-4 mm	20cc
F9000590	2-4 mm	30cc
F9000595	4-6 mm	5cc
F9000600	4-6 mm	10cc
F9000615	4-6 mm	15cc
F9000620	4-6 mm	20cc
F9000630	4-6 mm	30cc



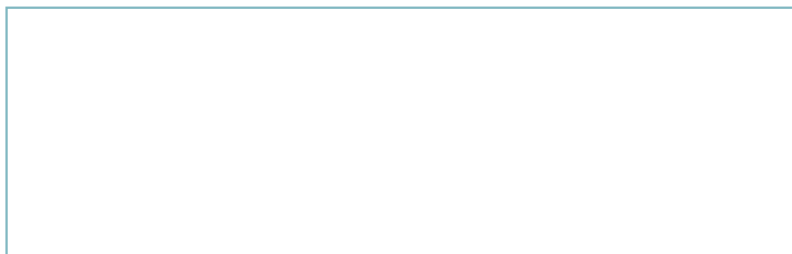


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