



beta-TriCALCIUM PHOSPHATE CERAMIC for BONE FILLING

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B-Ce Tr-Rev0.16

3D Scaffolds of beta-Tricalcium Phosphate

TriOSS is presented in form of blocks, wedges, cylinders, irregular granules and sphere-like granules



Specifications

**Blocks, Wedges, Cylinders,
Irregular and Sphere-like granules**

Density: $\sim 0.7 \text{ g/cm}^3$

Total Porosity: 60% - 80%

Cell size: $200 \mu\text{m}$ - $500 \mu\text{m}$

Compressive Strength: $> 0.2 \text{ MPa}$

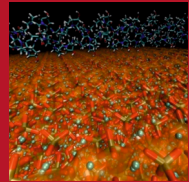
Composition

beta-TriCalcium Phosphate $[\text{Ca}_3(\text{PO})_4]$



Chemical composition and porosity similar to human bone mineral phase

TriOSS interconnected porosity allows a total vascularization of the implant



TriOSS promotes an **EFFICIENT BONE GROWTH**

due to its chemical composition, three-dimensional porous structure and surface topography that mimic the inorganic phase of bone tissue

TriOSS is **RESORBED** in **4-6 MONTHS**
helping the natural bone formation to occur



TriOSS is a **SAFE**

synthetic calcium phosphate with
no risks of disease transmissions