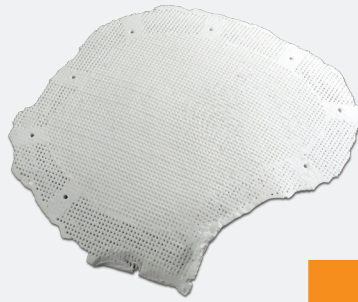


3DMIX TECHNICAL DATASHEET

HYDROXYAPATITE
Calcium phosphate
HAP

Properties

- ⊗ Biocompatibility
- ⊗ Excellent bioactivity
- ⊗ Good osseointegration

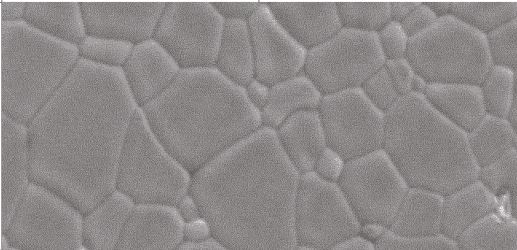


Applications

- ⊗ Tibial osteotomy wedges
- ⊗ Intervertebral cages
- ⊗ Cranial implants
- ⊗ Bone substitutes
- ⊗ Spine implants
- ⊗ Orthopedic implants

PASTE



	Norm	Value	Symbol
Sintered material			
Density (g/cm ³)	NF EN 623-2	3,05-3,1	ρ
Particle size (μm)	-	1-5	d
Microstructure	-		
Mechanical properties			
Flexural strength (Mpa)	NF EN 843-1	80-100	σ_r
Analysis			
Ca/P ratio	ISO 13779-1	1.65 to 1.82	-
Foreign phases (CaO, TCP alpha, TCP beta, TTCP) (%)	ISO 13779-1	≤ 5	-
Crystallinity (%)	ISO 13779-1	> 95	-
Heavy metals ppm	ISO 13779-1	< 30	-

Non contractual data for reference only – V16062016

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