



AIMTITE

MICRO HYDROXYAPATITE POWDER

**HIGH PHASE PURITY
UNIFORMLY SPHERICAL**

- Thermal Spray grade AIMTITE is used to coat metallic implants of SS316L, Titanium, and Ti6Al4V
- Improves implant performance and biocompatibility
- Prevents metallic ion release into the body
- Promotes enhanced osseointegration
- Promotes strong bonding with natural bone
- Effectively fills bone defects
- Cell proliferation (biocompatibility) as per ISO 10993-5-2009 and 10993-12-2012
- Also used for bone grafts

AIMTITE is used to prepare Bioink, enabling 3D printing of different types of sinterable bone structures which support cell proliferation



Applications

- Thermal Spray of Implants
- 3D Printing
- Synthetic Bone Substitute
- Biomedical grafts
- Bioinks



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