



Medical Aesthetic Subdermal Injection Materials

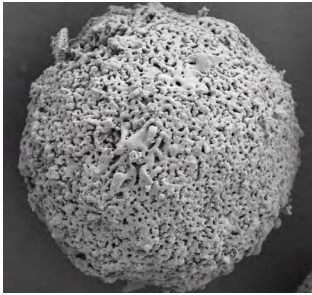
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Vita Spire is dedicated to providing high-quality microsphere biomaterials—including HAp, PLLA, PDLLA, PLGA, mPEG-PLLA, and PCL—that are highly biocompatible, biodegradable, and capable of tissue repair.

Our materials are specifically engineered to promote collagen stimulation, tissue regeneration, and controlled biodegradation, thereby supporting the advancement of next-generation injectable fillers and regenerative aesthetic solutions.

HAPAI-01

HAp Microspheres, Type I
 (Low Porosity)
 Density 1.2-1.5 g/cm³. 20-45 µm.



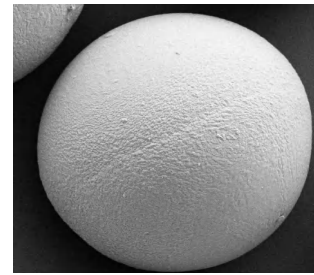
HAPAI-02

HAp Microspheres, Type II
 (Mid Porosity)
 Density 1.4-1.6 g/cm³. 20-45 µm.



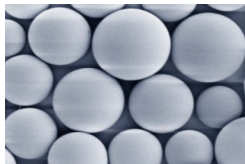
HAPAI-03

HAp Microspheres, Type III
 (High Porosity)
 Density 1.6-1.9 g/cm³. 20-45 µm.



PLLA AI-04

PLLA Microspheres
 10-20, 20-60, 20-50 µm



PDLLA AI-05

PDLLA Microspheres
 10-20, 20-50 µm

Product Features:

- ISO13485:2016 Certified
- Class 100,000 cleanroom production
- Low Endotoxin \dot{y} <math><0.5\text{EU/mg}</math>
- Controlled particle size

mPEG-PLLA-06

mPEG-PLLA Microspheres
 10-20, 20-50 µm

PLGA AI-07

PLGA Microspheres (50:50 & 75:25)
 20-50 µm.

PCL AI-08

PCL Microspheres
 20-50 µm