

microPEP is a technology-advancing source for complex micro feature manufacturing. microPEP's precision capabilities include micron tolerance components, assemblies, insert molding and a variety of optical quality components using micro molding and micro stamping techniques and technologies. Applications include surgical instruments, biophotonic sensors, stent markers, microfluidic chips, and implantable neurological, cochlear, and ophthalmic components.

Bioresorbable micro moldings



Bioresorbable tissue anchor with 0.00098" radius on end of barb



Bioresorbable tissue anchor with better than .0045" radius on end of barb

Specialized micro testing intrinsic viscosity

Micro tensile bars designed for micro molding provide the effects of .002"-.009" gate shear on your custom compounds - before your design is finalized.

Extensive knowledge base of PLA, PGA and PHB blends with varying intrinsic viscosity.

Applications include anchors, stents, bone screws, seeds, sutures, swallowable pills, and injectable pharmaceuticals.

- ISO 13485:2003
- Class 8 cleanroom manufacturing
- Superb deliverables on micro manufactured components
- State-of-the-art metrology that promotes steel versus process assessment for best case outcomes

microPEP focuses on micro parts and micro features, whether plastics, metals, coatings and platings, or all three. Contact us with your complex challenge today.