



## **Porous PLA Particles-COOH**

### **PRODUCT DATA SHEET**

## **Porous PLA Particles-COOH**

### **Description**

Porous PLA Particles-COOH is a lightweight, biodegradable porous Particles made of polylactic acid material, and its surface is modified by carboxyl groups. This material has the advantages of low density, good chemical stability, biocompatibility, and hydrophilicity. Its porous structure not only provides a good drug loading space, enhances drug loading capacity and controls drug release rate, but also effectively reduces product weight, improves material performance, and reduces environmental pollution. Porous PLA Particles-COOH is commonly used in fields such as coatings, composite materials, pharmaceuticals, cosmetics, and packaging.

Abvigen Inc can provide high-quality Porous PLA Particles-COOH with various particle sizes. This product has uniform particle size and good dispersibility, which can meet various personalized material needs such as customer research and development, testing, and production consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

**Website:** [www.abvigen.com](http://www.abvigen.com) **Phone:** +1 929-202-3014 **Email:** [info@abvigenus.com](mailto:info@abvigenus.com)

### **Characteristics**

Concentration: 10 mg/ml

Size: 10 ml

Surface: Carboxyl

Shape: Spherical

Diameter: 50 nm - 200 um

Composition: Porous PLA Particles

Standard deviation: CV<5%

Buffer: DI Water

Form: Suspension

Store: Storage at 2 - 8 °C

### **Storage**



This product should be stored at 4°C. **DO NOT FREEZE.**

**Advantage**

Uniform particle size  
High specific surface area  
Good chemical stability  
Biodegradable  
Enhanced reactivity

**Applications**

Lightweight filling material  
Drug sustained-release carrier  
Cosmetic materials  
Packaging  
Tissue engineering

**Ordering Information**

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Phone: +1 929-202-3014

Email: [info@abvigenus.com](mailto:info@abvigenus.com)