



Non-spherical Polystyrene Particles PRODUCT DATA SHEET

Non-spherical Polystyrene Particles

Description

In the past, researchers focused mainly on particle size, surface chemistry and the use of various materials to control particle characteristics and functions. Lately, shape has been acknowledged as an important design parameter having an impact on the interaction with biological systems. Our non-spherical particles are uniform polystyrene particles offered in three different shapes. Non-spherical shapes provide these particles with unique physical properties in light scattering and fluid dynamic behavior. The entire population per batch is identical in size and shape.

Abvigen can provide high quality Non-spherical Polystyrene Particles with different shapes, including pear, peanut and snowman. The product has high repeatability between batches, which can meet the needs of different personalized materials such as research and development, testing and production of various customers.

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

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com

Product List

Cat No	Product Name	Concentration	Size
ABNSPP-1	Non-spherical Polystyrene Particles, Pear, 3 um	10% w/v	5 mL
ABNSPP-2	Non-spherical Polystyrene Particles, Pear, 4 um	10% w/v	5 mL
ABNSPP-3	Non-spherical Polystyrene Particles, Peanut, 4 um	10% w/v	5 mL
ABNSPP-4	Non-spherical Polystyrene Particles, Snowman, 4 um	10% w/v	5 mL
ABNSPP-5	Non-spherical Polystyrene Particles, Pear, 5 um	10% w/v	5 mL
ABNSPP-6	Non-spherical Polystyrene Particles, Peanut, 5 um	10% w/v	5 mL
ABNSPP-7	Non-spherical Polystyrene Particles, Peanut, 6 um	10% w/v	5 mL
ABNSPP-8	Non-spherical Polystyrene Particles, Peanut, 7 um	10% w/v	5 mL
ABNSPP-9	Non-spherical Polystyrene Particles, Peanut, 8 um	10% w/v	5 mL
ABNSPP-10	Non-spherical Polystyrene Particles, Pear, 10 um	10% w/v	5 mL
ABNSPP-11	Non-spherical Polystyrene Particles, Snowman, 15 um	10% w/v	5 mL



Characteristics

Type: Non-spherical Polystyrene Particles

Available shapes: Pear, peanut, snowman

Solvent: Aqueous

Concentration: 10% w/v

Size: 5 mL

Length specified refers to longest measurement of a single particle

NaN₃ preservative: ≤ 0.1%

Storage condition: 2 ~ 8°C

Advantages

Unique light scattering properties

Unique hydrodynamic properties

Applications

Vaccination

Drug delivery

Chemical and biological sensors

Colloidal surfactant

Catalyze

Ordering Information

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