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TECHNICAL DATA SHEET 792

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Silica Microspheres, Colloidal

Catalog Numbers: 24298, 24040, 24041

DESCRIPTION

Polysciences offers colloidal silica microspheres as a 5% (w/w) solids dispersion of amorphous silica particles in water with NaOH as a stabilizer. One of the advantages of silica microspheres over polymer microspheres is their exceptional stability. In addition, the surface of silica microspheres can be easily functionalized by reaction with organosilanes.

CHARACTERISTICS

Composition: SiO₂, nonporous
Surface Group: SiOH (non-functionalized)
Refractive Index: 1.46 (589nm)
Density: 2.0 g/cm³*
Glass Transition Temperature: >>1000°C*

* Reported value for bulk silica.

STORAGE

Store at 4°C. Freezing may result in irreversible aggregation.

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

ORDERING INFORMATION

Cat. #	Description	Size
24298-10	Silica Microspheres, Colloidal, 0.01µm (broad distribution)	10ml
24040-10	Silica Microspheres, Colloidal, 0.05µm ± 0.01µm	10ml
24041-10	Silica Microspheres, Colloidal, 0.10µm ± 0.03µm	10ml

TO ORDER

In The U.S. Call: 1(800) 523-2575 • (215) 343-6484
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