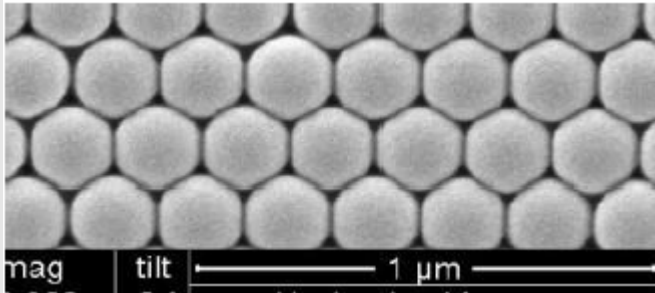




Product Information

Product Name	Cat. No.	Package Size
White Latex Beads	SG9110	15mL
		50mL
		100mL

White Latex Beads

Product No.	SG9110
Constituent	Polystyrene or Polystyrene copolymer
Surface Functional Group	Carboxylate-modified, aldehyde-modified, epoxy-modified, chloromethyl-modified
Density of Surface Functional Group	The amount of surface functional groups varies from 60 μ mol/g~70 μ mol/g. Since surface functional group amount is proportional to specific surface area, hydrophilic hydroxyl groups are introduced on surface for stability. Density of surface functional groups can be customized upon requirement between 40 μ mol/g to 120 μ mol/g.
Monodispersity	Percentage of C.V ranges between 3%-8%.
Grain Diameter	120nm, 160nm, 200nm, 400nm, 800nm Series. Custom preparation of grain size is available between 20nm-8000nm.
Bead Density	1.06g/cm ³
Refractive Index	1.59 at 589nm, 25 $^{\circ}$ C
Solid Content	10%
Package	15mL, 50mL, 100mL
Buffer Additive	Limited preservatives and sodium azide
Stock Condition	Store at room temperature or 2-8 $^{\circ}$ C in seal and protect from freezing
Shelf life	\geq 24 months
Introduction	<p>White latex beads are 20 nm-8000 nm diameter polystyrene or polystyrene copolymer microspheres. Grain size of latex bead can be changed according to customer's requirement. C.V (coefficient of variance) is constantly maintained between 3% and 8% to keep stable monodispersity. Batch yield is up to 5000 mL with 10% solid content. Custom preparation is available according to customer's need, which guarantees product stability between batches.</p> <p>Latex beads are applicable in photoelectricity, template, self-assembly, LED spacer, bio-reagent, <i>in vitro</i> diagnose and so on.</p>
	

Picture of Monodispersity and Grain Size under Electron Microscope