

Silsesquioxane Beads *SI Series*

Issued: September 2009

Product Description:

Si Series beads are polymethylsilsesquioxane beads that are used in a variety of applications. This product takes advantage of a naturally low R.I. and extremely consistent product with respect to spherical shape and size distribution.

Applications:

- Light Diffusion
- Antiblock for high end films and sheet
- Soft feel and matting agent for numerous coatings applications
- Cosmetic and personal care applications

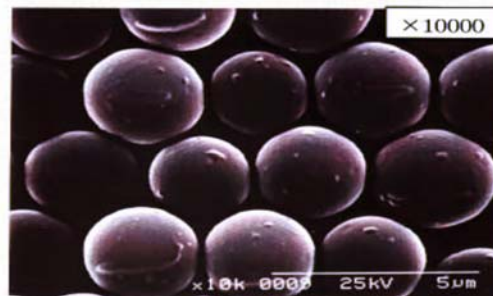
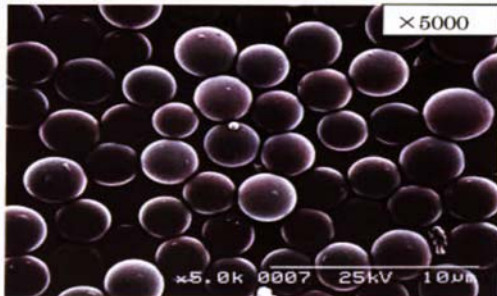
Typical Properties:

- Appearance: White free flowing powder
- Average Particle Size: 2.0, 3, and 4.5 microns, other sizes available upon request
- Refractive Index: 1.43

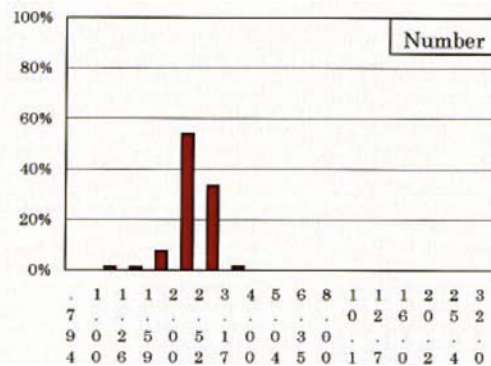
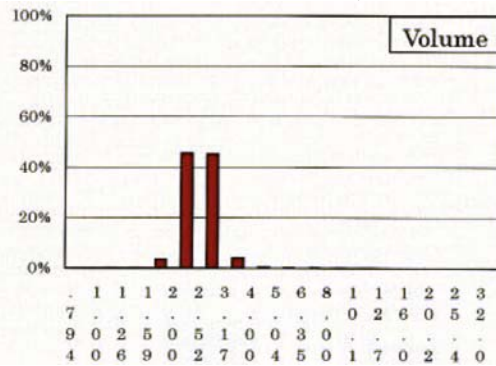
Regulatory Information:

- Meet FDA Requirements for film packaging (§177.1520) (c) (3.1) and (3.6)
- Meets EU Requirement as additive for (Annex III, Section A, EU Directive 2002/72)

SEM Micrograph:



Particle Size Distribution (2 Micron Grade):



TGA Curve:

