

## NChem<sup>®</sup> S-05

1. S-05 is specially designed spherical polymers. With its unique cross-linked structure, it offers superior solvent resistance and durability.
2. S-05 is insoluble in a variety of solvents which helps coating and ink formulators to produce a matte finished or textured surface.
3. S-05 can be used as light diffusion agent, widely used in lighting products, such as spotlights or shaped material; also be used as an unsaturated polyester anti volume shrinkage agents, cosmetic additives, and the anti-blocking agent of plastic films and rubber sheets.

	Item	Value	Unit	Test Method
Specifications	Appearance	Microspheres		
	Glass transition temperature (Tg)	105	°C	ASTM D-3418
	Refractive Index	1.59	-	ASTM D-542
	Average Particle Size	5	um	ASTM B-822
	Moisture content	≤1.0	%	ISO-3251

### ◆ Packaging and storage

1. Packed in composite paper bag with inner plastic bag, 25kg net.
2. Store in cool, dry and ventilated place where the fire and organic solvents are prohibited.
3. Shelf life: 3 years, capable of further use after passing QC inspection.
4. Transport as non-dangerous material.

**Notes:** The information contained on above data sheet is, to the best of our current knowledge, true and accurate. However, since the conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liabilities in connection with the use of information contained herein or otherwise. All risks of such nature are assumed by the user.