

## UNIBEAD-Series

### Description

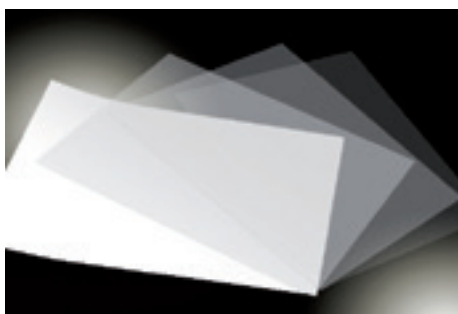
■ **UNIBEAD** Series is a fine spherical polymeric bead and composed of crosslinked Polymethyl methacrylate (PMMA), Polybutyl methacrylate (PBMA), Polystyrene (PS) etc.

**UNIBEAD** diffuses a light with resins and those sheets or films have an effect of diffusion. In case of inks or paints, **UNIBEAD** can give functions of anti-scratch, lusterless effect. Using cosmetics like emulsion lotions including **UNIBEAD**, customer must feel softness and wrinkle-free.

### Applications

#### Display

- Diffusion film
- Anti-Glare film



UNIBEAD-DBM, UNIBEAD-DBPH

#### Lighting

- LED Light cover



UNIBEAD-DBPH, UNIBEAD-PT

#### Paint/Ink

- Anti-Scratch material
- Anti-Gloss material



UNIBEAD-DBPH

#### Cosmetics

- Soft focus
- Oil absorbency



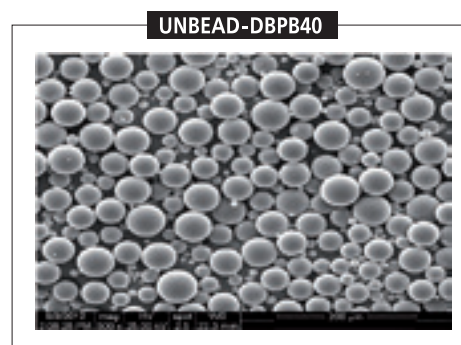
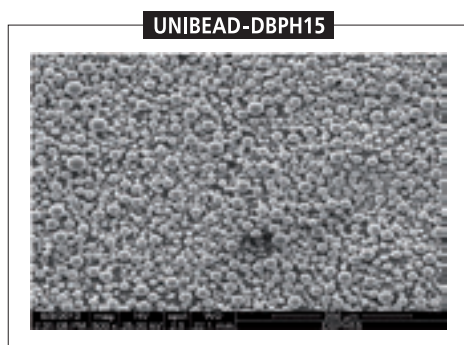
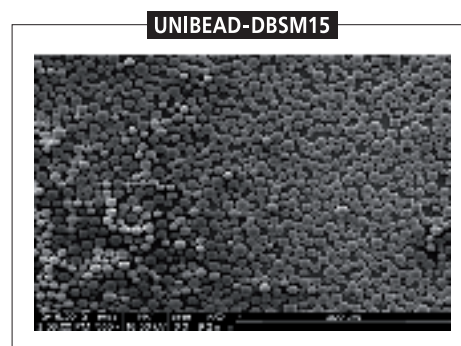
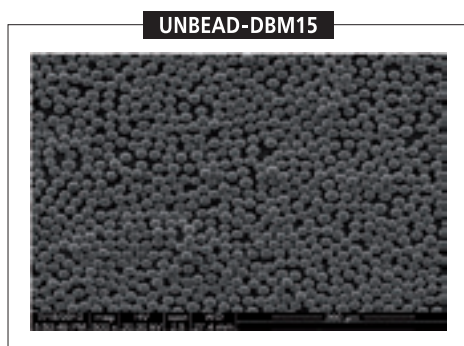
UNIBEAD-DBPC

## ***P***roducts

GRADE	Particle Size( $\mu\text{m}$ ) Mean Diameters : D 50	Heat / solvent Resistant	Refractive Index	Particle Distribution
DBPH	7 / 15 / 20 / 25	High	1.49	Poly Dispersion
DBSM	10 / 15 / 20	High	1.49	Semi-mono Dispersion
DBPB	7 / 15 / 20 / 25	High	1.49	Poly Dispersion
DBPS	7 / 15 / 20 / 25	High	1.59	Poly Dispersion

### Composition

- Cross-linked Polymethylmethacrylate : UNIBEAD-DBSM , DBPH
- Cross-linked Polybutylmethacrylate : UNIBEAD-DBPB
- Cross-linked Polystyrene : UNIBEAD-DBPS



Even though not listed above, we can offer a suitable product by our own technology. Please contact our technicians.