

## MP series

# MP series

## Non-crosslinked acrylic particles

### Grade

| Product name   | Average particle size (μm) | Electrostatic propensity |
|----------------|----------------------------|--------------------------|
| MP-1451        | 0.15                       | -                        |
| MP-2800        | 0.2                        | +                        |
| MP-2200        | 0.35                       | -                        |
| <b>MP-1040</b> | 0.4                        | -                        |
| MP-2701        | 0.4                        | +                        |
| MP-5000        | 0.4                        | -                        |
| MP-5500        | 0.4                        | +                        |

Remarks : The electrostatic propensity value refers to a value by means of blow-off mesurment with carrier for xerography.  
MP-5000 and MP-5500 are a copolymer of styrene/acrylic.

### Properties

|   |                                |
|---|--------------------------------|
| True specific gravity (Acrylic)         | 1.19 (Theoretical value)       |
| True specific gravity (Styrene/acrylic) | 1.05 (Theoretical value)       |
| Apparent density (g/ml)                 | 0.08 to 0.30 (Reference value) |
| Tg acrylic (°C)                         | 128 (Reference value)          |
| Tg styrene/acrylic (°C)                 | 105 (Reference value)          |

### Features

- Acrylic particles that have a narrow granulometric distribution.
- Arbitrarily controlled particle sizes in an range of 0.15 to 0.4 μm.
- Acrylic particles that have a smaller average particle size than other series.
- Have a grade that can be used as a cosmetic material. (MP-2200)

### MP-1040

Particle size distribution chart

