

## MP series

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## Non-crosslinked acrylic particles

### Grade

Product name	Average particle size ( $\mu\text{m}$ )	Electrostatic propensity
MP-1451	0.15	—
MP-2800	0.2	+
MP-2200	0.35	—
MP-1000	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 ( $^{\circ}\text{C}$ )	128 (Reference value)
Tg styrene/acrylic ( $^{\circ}\text{C}$ )	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  $\mu\text{m}$ .
- 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-1000

Particle size distribution chart

