

## MX series

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## Cross-linked acrylic mono-dispersing particles

### Grade

Product name	Average particle size ( $\mu\text{m}$ )	Degree of cross-linkage
MX-40T	0.4	Standard
MX-80H3wT	0.8	High
MX-150	1.5	Standard
MX-180TA	1.8	Standard
MX-300	3	Standard
MX-500	5	Standard
MX-500H	5	High
MX-1000	10	Standard
MX-1500H	15	High
MX-2000	20	Standard
MX-3000	30	Standard

### Properties

True specific gravity	1.19	(Theoretical value)
Apparent density (g/ml)	0.69	(Reference value: MX-1000)
Refractive index	1.49	(Theoretical value)
CV value (%)	9	(Reference value)
Decomposition temperature ( $^{\circ}\text{C}$ )	250 ~ 270	(Reference value: 10% thermal decomposition temperature in air) ※MX-40T, MX-180TA : 300-330 $^{\circ}\text{C}$

### Features

- Acrylic particles that have a narrow particle size distribution.
- Arbitrarily controlled particle sizes in an range of 0.4 to 30  $\mu\text{m}$ .
- Have heat and solvent resistance due to their cross-linkage structure.

### MX-1000

Particle size distribution chart

