

MR series

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Cross-linked acrylic Wide-dispersing particles

Grade

Product name	Average particle size (μm)	Degree of cross-linkage
MR-1HG	1	High
MR-2G	1	Standard
MR-5C	6	None
MR-7GC	6	Standard
MR-10G	10	Standard

Properties

True specific gravity	1.19	(Theoretical value)
Apparent density (g/ml)	0.66	(Reference value: MR-10G)
Refractive index	1.49	(Theoretical value)
CV value (%)	50 or more	(Reference value)
Decomposition temperature ($^{\circ}\text{C}$)	270 to 290	(Reference value: 10% thermal decomposition temperature in air)

Features

- Arbitrarily controlled particle sizes in an range of 1 to 10 μm .
- Have heat and solvent resistance due to their cross-linkage structure.
- Have a grade that can be used as a cosmetic material. (MR-5C and MR-7GC)

MR-1HG

Particle size distribution chart

