Eat Well, Live Well.

AJINOMOTO

Creating Substances with Unique Functions

Surface control and dispersion

Benefits

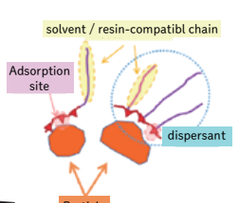
In composite materials consisting of particles (dispersed material) and resin and/or fluid (dispersion medium), the interface can be appropriately regulated **to improve the dispersibility and the dispersion stability of particles and to make the most use of the functions of the particle surface.**

Applicable to various uses, such as dispersion of organic pigments, carbon particles, inorganic particles, etc.

Ink jet | Color filter | Toner | Paint | Electronic component | Magnetic omponent | Cosmetics

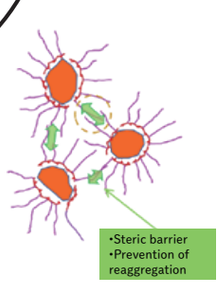
Our Technology

Factors necessary for the dispersant (molecular structure, functional groups, polarity, etc.) are extracted on the basis of the properties of the particle (dispersed material) , the resin, fluid (dispersion medium) and the required dispersion properties.



↓

・Molecular design of dispersant
・Evaluation of dispersed state



↓

Development of optimal dispersant