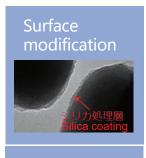
Granulation technology of functional materials

TAYCA

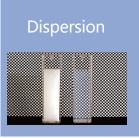
▼ We are developing new markets with granulation technology, in addition to the fundamental technology of functional material synthesis technology

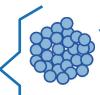
Our technologies



Granulation







▼ **High density granulation tech.**Excellent Strength
Good Fluidity



- ▼ Low density granulation tech.

 Very large porosity

 Good disintegration property
- ▼ Micro granulation tech.

 of nanoparticles

 Good Fluidity

 Reducing dust

nanoparticlesa few to tens of micrometers

Examples

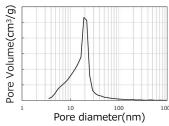
Granulated Silica

Large pore Volume and Excellent Strength

High density granulation of our unique large pore silica powder



Size: $1\sim2mm$ Strength: 5N



Pore Volume : $0.5\sim$ cm³/g Pore diameter : $1\sim$ 100nm ·Pore diameter can be controlled ·Wide distribution of pore diameters

Expected uses

various carriers

Granulated Titanium dioxide



Size: $1\sim3$ mm Strength: 3N

Expected uses

- \cdot Thermal catalyst
- Air purification

Micro granulation of nano Silica





Expected uses

- ·Cosmetics
- ·Feel improver

*For more information, please refer to Booth Touch Spherical Silica

We will suggest materials that meet your needs. Please feel free to contact us