

TiO₂ dispersion for tablet coating.



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▶The pharmaceutical products that use TiO₂.

- Coating liquid for tablets.
- Antibacterial agent, Odor removal, Disinfectant, etc

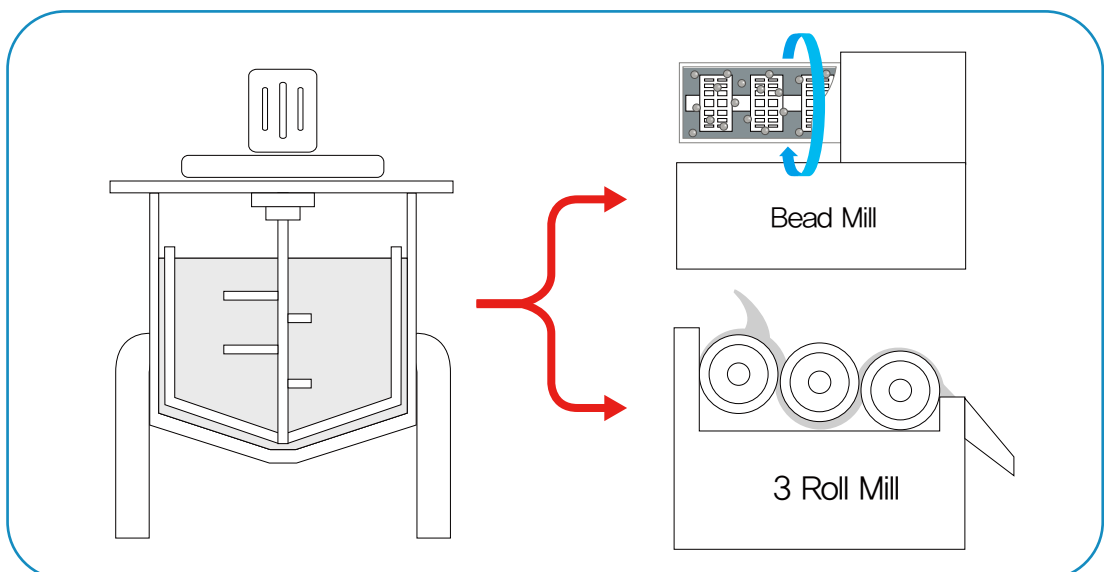
▶General process.

- 1) Fill the container, or tank with the main material (solution).
- 2) Soak DISSOLVER or ANCHOR MIXER in a solution and operate it. (According to this process, TiO₂ is added and the mixer is operated.)
- 3) Add TiO₂ powder and dispersant and start basic mixing.
- 4) When TiO₂ is mixed with liquid to some extent, the dispersion process is completed using milling equipment such as Bead Mill or 3Roll Mill for full-scale dispersion of TiO₂.

02

The problem with the existing process.

- 1) Previously, basic mixing is performed using DISSOLVER or ANCHOR-MIXER, a low-speed stirrer for Pre-Mixing, and then the dispersion process is completed using milling equipment such as Bed Mill or 3Roll Mill for full-scale dispersion of TiO₂.
- 2) Although the above process can produce good dispersion results, it requires a lot of equipment, manpower, and time. In particular, the Bead Mill is greatly affected by viscosity, and the 3 Roll Mill is not suitable for mass production as it can only produce a small amount.



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