



#1202

Fluidized-Bed Granulation Simulator

SOFTWARE TO SIMULATE FLUIDIZED-BED GRANULATION UNITS

DESCRIPTION

The software allows to simulate fluidized-bed granulators, either batch or continuous multichamber units. The simulator predicts, among other variables, temperature and particle size distribution of the granular product.

APPLICATIONS

Design or simulation of industrial fluidized-bed granulators of different industries | Training tool | Suitable to perform sensitivity and optimization analyses

ADVANTAGES

- Fitting parameters are not required in the case of coating processes
- Suitable for simulation of different size change mechanisms
- Appropriate for either wet or melt granulation

DEVELOPMENT STATUS

Full version available. Successful validation against experimental data from a large-scale industrial granulator.

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