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流化床喷雾造粒过程的传热传质

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收稿日期 修回日期 网络版发布日期 接受日期

**摘要** This article presents a mathematical model of heat and mass transfer for the process of fluidized-bed spray granulation, which can be applied in the analysis of bed temperature profile, temperature and humidity of outlet gas and moisture content of particles. Effects of operation parameters on the batch granulation are investigated. The theoretical calculation agrees reasonably well with the experimental data.

**关键词** [流化床](#) [干燥](#) [喷雾造粒](#) [传热](#) [传质](#) [数学模型](#)

分类号

**DOI:**

### Heat and Mass Transfer in Process of Fluidized-Bed Spray Granulation

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Received Revised Online Accepted

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**Key words** [fluidized-bed spray granulation](#); [mathematical model](#); [heat and mass transfer](#)

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