



Conference Spray Drying '01 and Related Processes 08th to 10th of October 2001 Universität Dortmund Proceedings

By Peter Walzel

Shaker Verlag Jan 2002, 2002. Taschenbuch. Book Condition: Neu. 210x146x15 mm. Neuware - The chair of mechanical process engineering of the University in Dortmund invited to the symposium 'Spray Drying '01' to treat the various applications, techniques, and modern developments concerning spray drying and related processes. Objectives of the conference Spray dryers are used in industry in various applications to produce solid particles from liquid feeds such as suspensions, solutions, or even melts. In recent years the basic knowledge in describing and modelling of spray towers has significantly increased. Improvements on spraying systems and air flow distributors contribute to better performance of the process. It was the objective of the conference to exchange information on the following fundamental topics: Spraying and formation of liquid particles, Heat and mass transfer between gas and particles, Transition to the solid state and particle morphology, Agglomeration of fine particles. Depending on the customer requirements different particle sizes and specifications are desirable. The operation parameters therefore vary over wide ranges. The meeting also had to deal with operational conditions such as Co or countercurrent flow Heat recovery Secondary drying and agglomeration Dust removal and waste gas treatment Product separation and discharge Process and moisture control....

Reviews

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