Seville / Wu

Particle Technology and Engineering

An Engineer's Guide to Particles, Powders and Multiphase Systems

Particle Technology and Engineering: An Engineer's Guide to Particles, Powders, and Multiphase Systems presents the basic knowledge and fundamental concepts needed by engineers who work with particles and powders. Users will find a comprehensive reference and introduction to important topics, ranging from single particle characterization to bulk powder properties and complex multiphase gas-solid-liquid systems. This helpful guide emphasizes quantitative explanation and theoretical concepts, and contains numerous case studies of practical applications. The book is structured into four parts beginning with basic information on single particle properties and their interaction with solids and gas/liquids, the fundamental characteristics of bulk solids (powders), the principles of multiphase systems (including fluidization and pneumatic conveying), and advanced numerical methods and measurement techniques for particle engineering. - Explores core topics including particle properties and interactions, characteristics of bulk solids, multiphase systems, and advanced particle engineering - Emphasizes quantitative explanation and theoretical concepts - Provides numerous helpful case studies - Enables engineers to develop their knowledge and skills to work with particle systems

Auf Anfrage

Nicht mehr lieferbar

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