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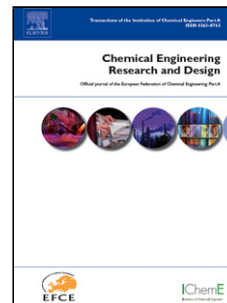
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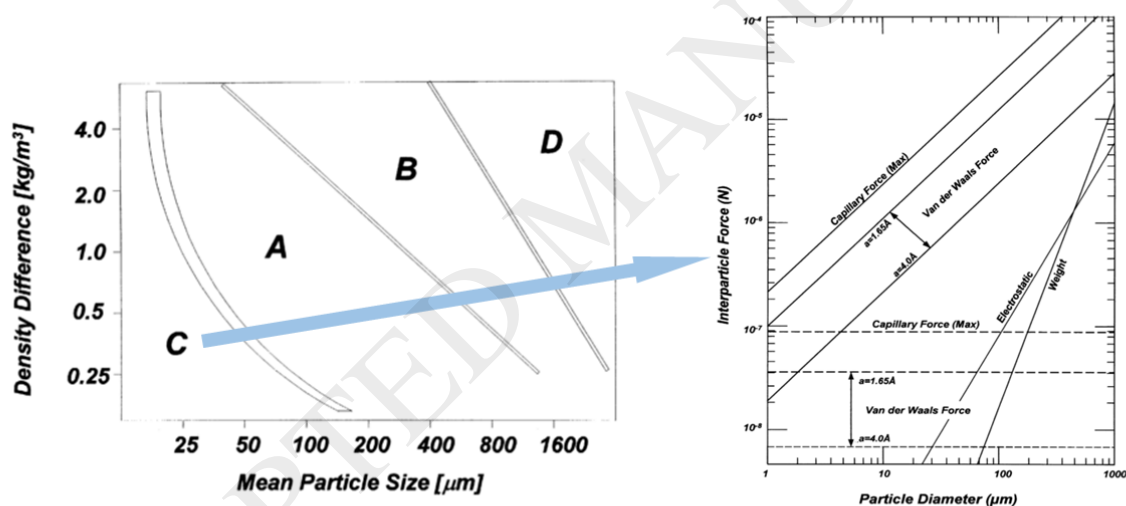


## Gas-solid fluidization of cohesive powders

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### Graphical abstract



### Highlights

- The characteristics of gas fluidization of fine/ultrafine particles are outlined
- Fine/ultrafine particle fluidization was explained in terms of IPFs/HDFs interplay
- Assisting methods for fluidization of fine/ultra-fine powders are reviewed
- Models to predict the agglomerate size are presented
- Practical applications of fine/ultrafine particle fluidization are discussed

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