

RESEARCH NOTES

二氧化碳吸附法估算孔分布及其在物理活化中的应用

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摘要 The CO₂ adsorption data may show more than one section in the Dubinin-Radushkevich-Kaganer (DRK) plot if samples had been over-activated. Each section in the plot represents a range of pore size. The whole DRK plot provided information on the pore size distribution(PSD) of a sample, which may be used to monitor the effect of activation conditions in activation processes.

关键词 [pore size distribution](#) [activated carbon](#) [CO₂ adsorption](#) [activation](#)

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Estimation of Pore Size Distribution by CO₂ Adsorption and Its Application in Physical Activation of Precursors

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Abstract The CO₂ adsorption data may show more than one section in the Dubinin-Radushkevich-Kaganer (DRK) plot if samples had been over-activated. Each section in the plot represents a range of pore size. The whole DRK plot provided information on the pore size distribution(PSD) of a sample, which may be used to monitor the effect of activation conditions in activation processes.

Key words [pore size distribution](#); [activated carbon](#); [CO₂ adsorption](#); [activation](#)

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