

Redox Behavior of Cu-ferrite for CO₂ Decomposition

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Cu ferrite was prepared by a coprecipitation method in order to investigate the redox behavior under CH₄ and CO₂. The weight change by CH₄ reduction and CO₂ oxidation was monitored by a microbalance. The redox properties of Cu ferrite were observed by TGA, XRD and Mössbauer spectrometer.