

CO₂ adsorption on ACF sensor in a small container

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CO₂ adsorption was carried out on ACF mat and fabric in a small container. Adsorption amount was detected by electrical resistance. Different kind, size, and amount of ACF were used. Different concentration and flow rate of CO₂ were supplied at constant temperature. Electrical resistance apparently increased as the increase of CO₂ concentration, and decreased as the increase of humidity.