

## Reference data for the adsorption of methanol on carbon materials

The adsorption of methanol at 298 K on carbon blacks and microporous carbons, including Carbosieve, Takeda molecular sieves, Maxsorb superactivated carbons and an activated charcoal cloth, has been studied. Analysis of the results indicates that the mechanism of adsorption of methanol on carbon blacks shows some similarities to that of water vapour. However, it is still possible to define reference data which can be used to obtain estimates of the surface area of carbon blacks, provided that the surface is reasonably polar, and of external surface area and micropore volume of microporous carbon adsorbents, provided that the pore size is not very large.

Corresponding author: [peter@uevora.pt](mailto:peter@uevora.pt)

[doi:10.1016/S0008-6223\(00\)00106-8](https://doi.org/10.1016/S0008-6223(00)00106-8)