

Communication

# Branched Versus Linear Structure: Lowering the CO<sub>2</sub> Desorption Temperature of Polyethylenimine-Functionalized Silica Adsorbents

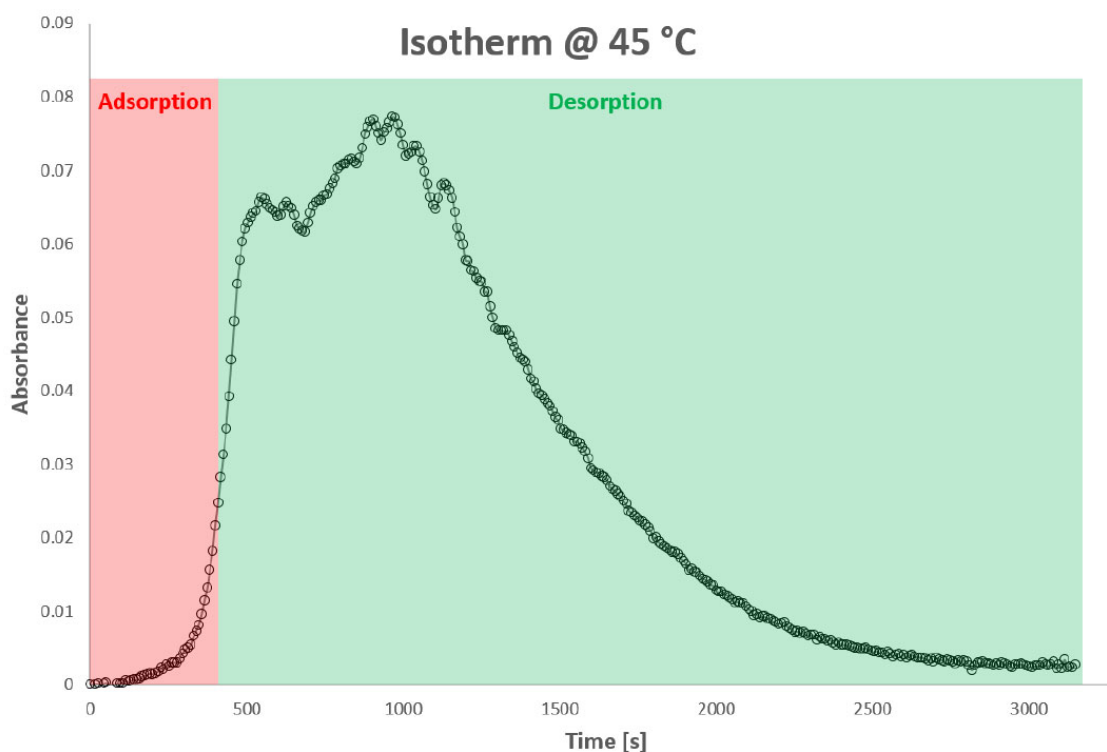
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## Desorption of CO<sub>2</sub> at 45 °C

Figure S1 shows the desorption kinetics of 30 wt% LPEI/SiO<sub>2</sub> at 45 °C. the complete desorption took ca. 3000 s (50 min).



**Figure S1.** The desorption of CO<sub>2</sub> for 30 wt% LPEI/SiO<sub>2</sub> (300 mg) at 45 °C.