

Supporting information.

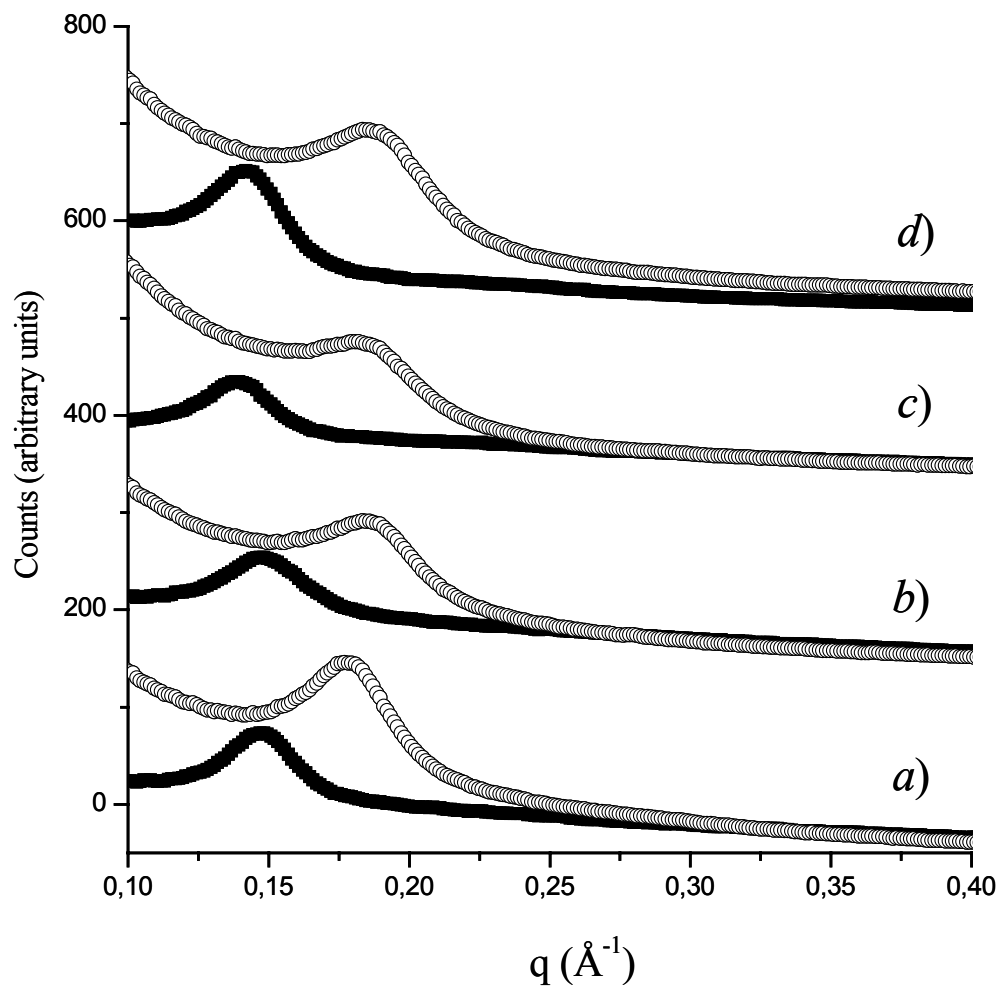


Fig. 1. XRD profiles for the xSi-HIPE0.035 series: a) 1Si-HIPE0.035, b) 2Si-HIPE0.035, c) 3Si-HIPE0.035, d) 4Si-HIPE0.035. ■ hybrid materials (before calcination) , ○ inorganic materials (after calcination).

Supporting information.

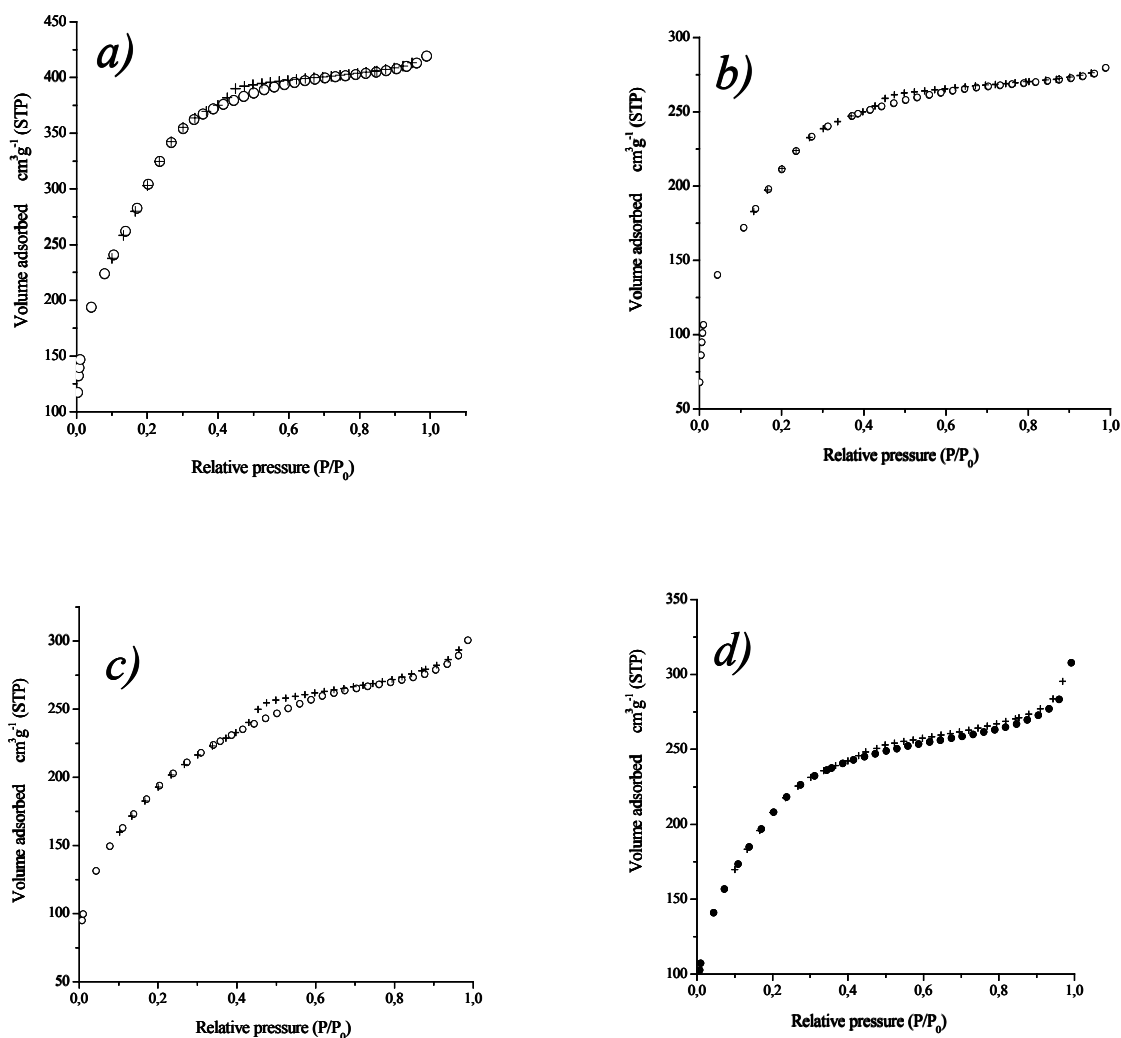


Fig. 2. Nitrogen physisorption data for the xSi-HIPE0.035 series: a) 1Si-HIPE0.035, b) 2Si-HIPE0.035, c) 3Si-HIPE0.035, d) 4Si-HIPE0.035. O adsorption curve, + desorption curve.

Supporting information.

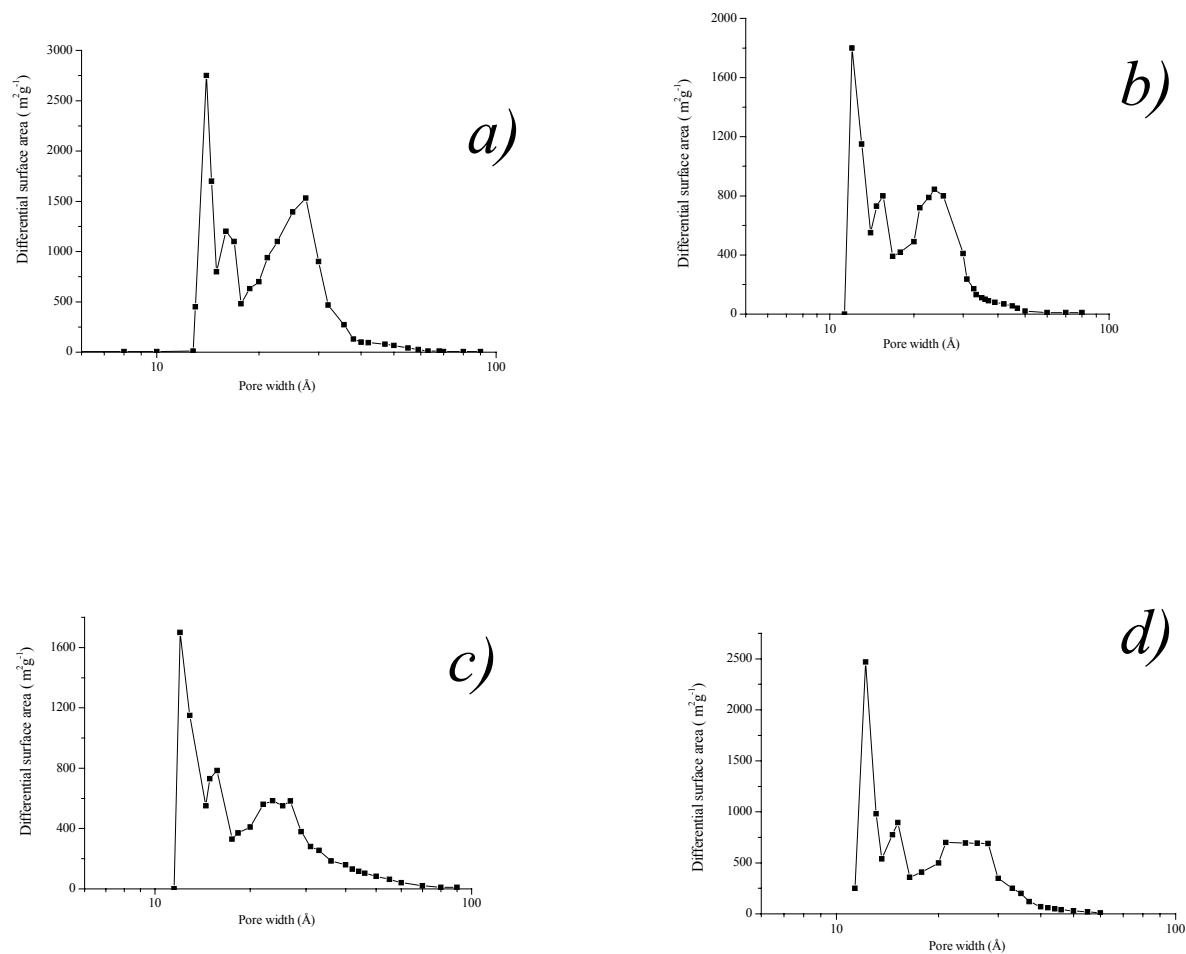


Fig. 3. Pore sizes distribution calculated from the original density functional theory for the xSi-HYPE0.035 series: a) 1Si-HIPE0.035, b) 2Si-HIPE0.035, c) 3Si-HIPE0.035, d) 4Si-HIPE0.035.