

Supporting Information

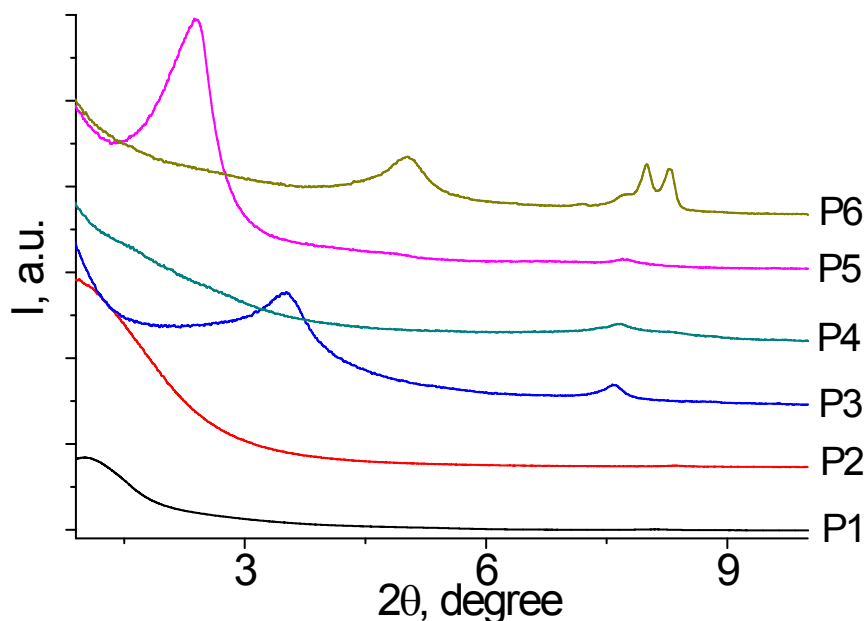


Fig. SI-1. XRD patterns of hybrid materials obtained using different types of polyhedral oligomeric siloxanes.

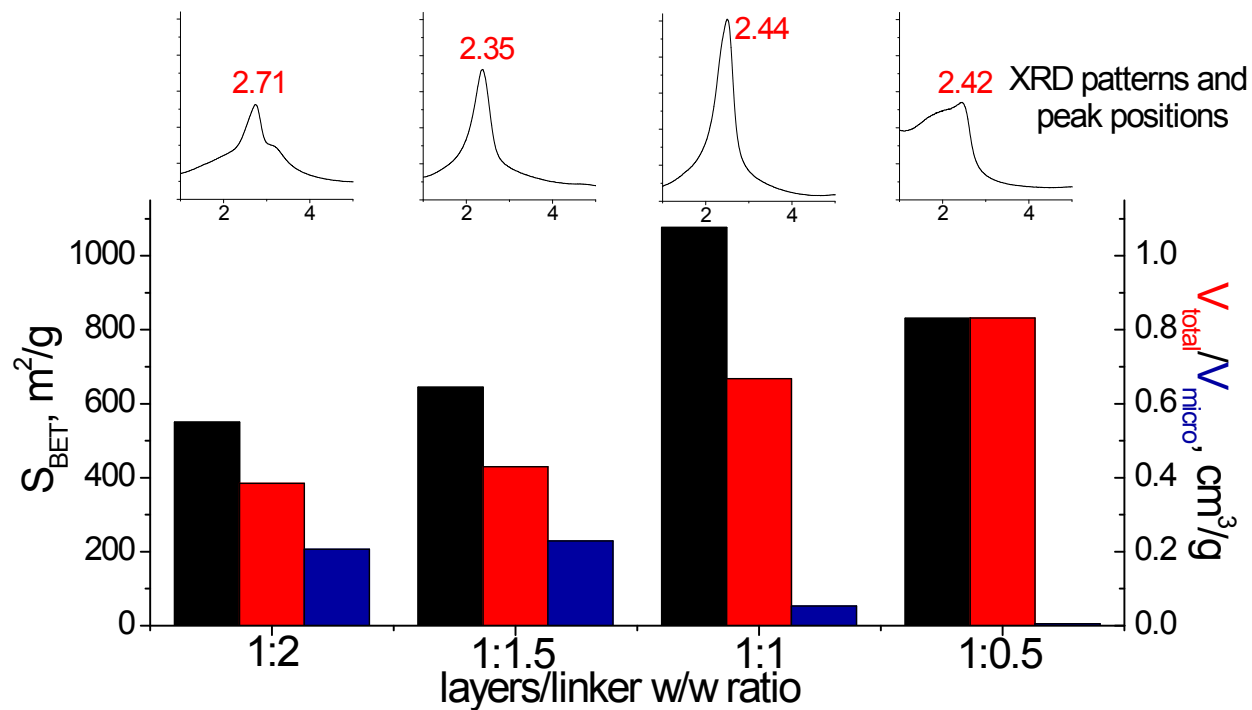


Fig. SI-2. Change of structural and textural properties of hybrid materials obtained using different ratios [layered silica precursor]/[S5 organic precursor].

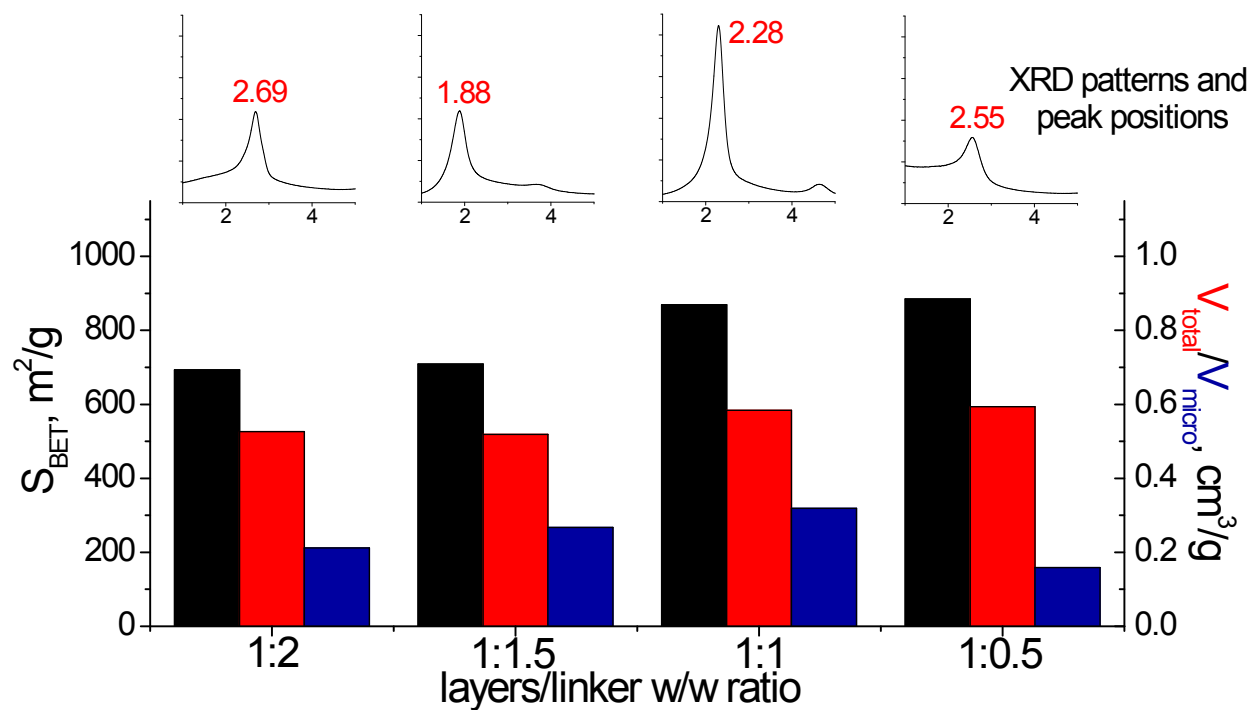


Fig. SI-3. Change of structural and textural properties of hybrid materials obtained using different ratios [layered silica precursor]/[S7 organic precursor].