Supporting Information

Transformations and Enhanced Long-Range Ordering of Mesoporous Phenolic Resin Templated by Poly(ethylene oxide-*b*-ε-caprolactone) Block Copolymers Blended With Star Poly(ethylene oxide)–Functionalized Silsesquioxane (POSS)

Jheng-Guang Li, Cheng-Yu Chung, and Shiao-Wei Kuo*

*Corresponding author: kuosw@faculty.nsysu.edu.tw

Department of Materials and Optoelectronic Science, Center for Nanoscience and Nanotechnology, National Sun Yat-Sen University, Kaohsiung, 804, Taiwan.

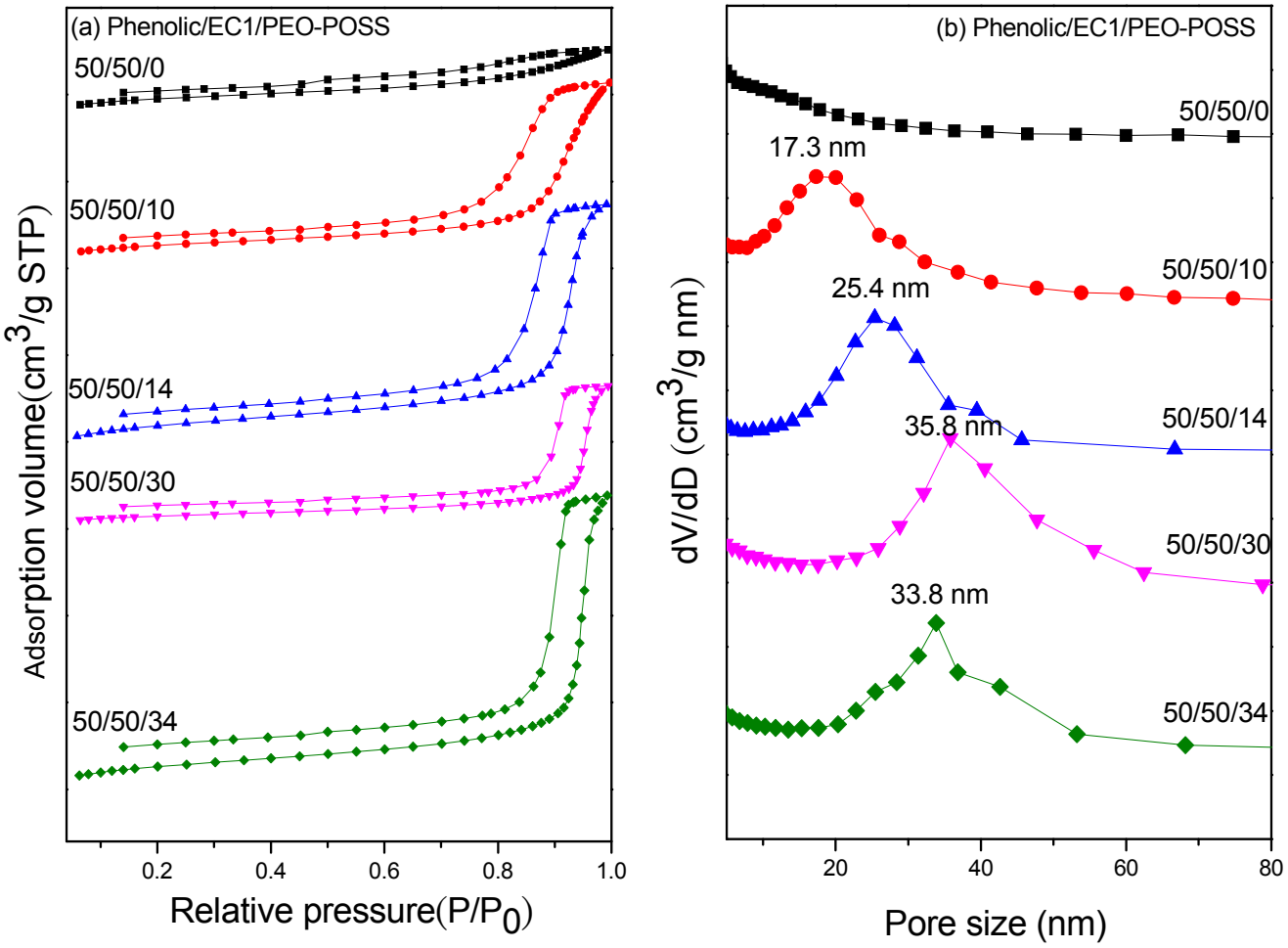

Figure S1: (a) N_2 adsorption/desorption isotherms and (b) pore size distribution curves of mesoporous phenolic resins templated by EC1/PEO-POSS blends.

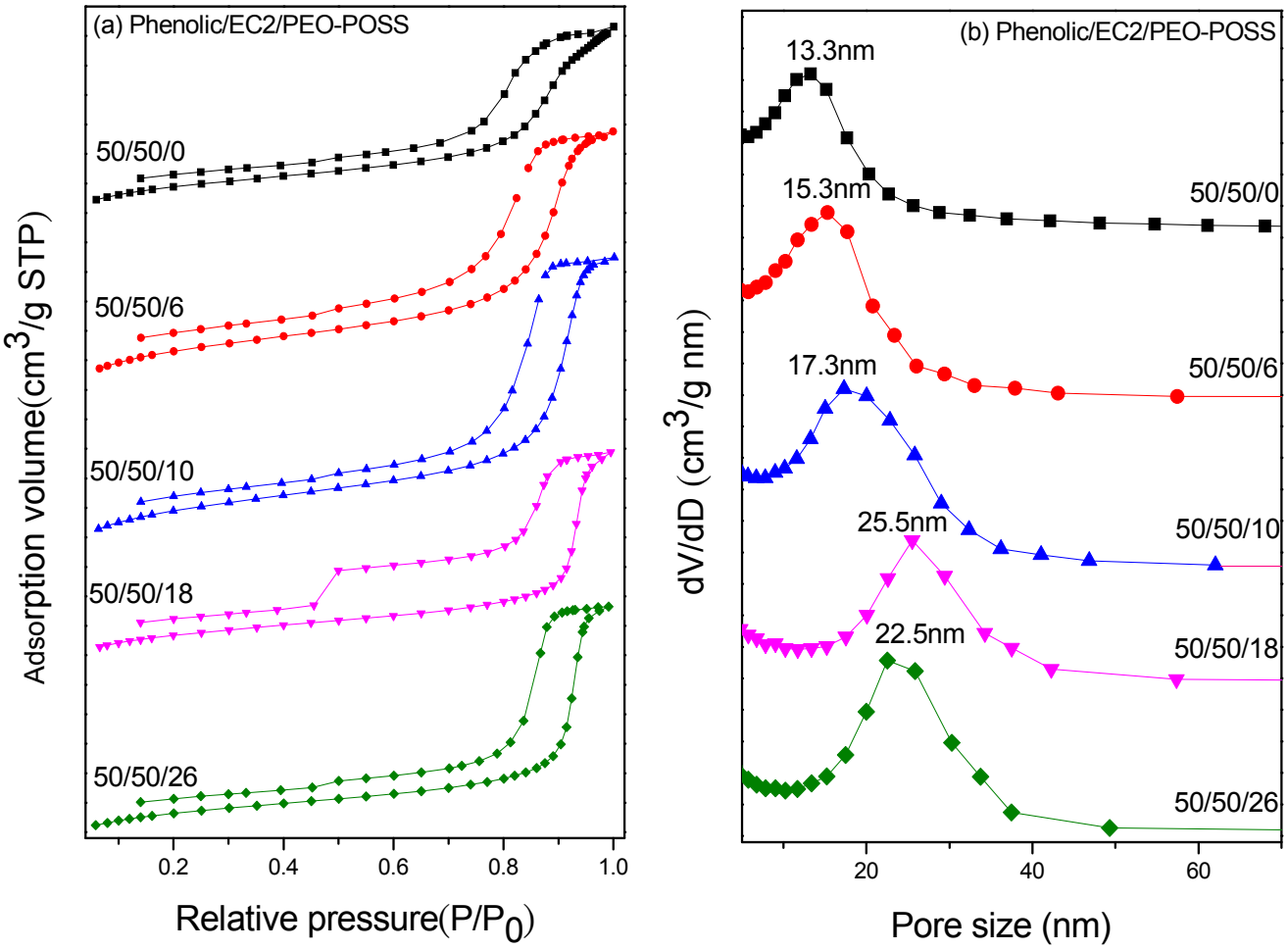

Figure S2: (a) N_2 adsorption/desorption isotherms and (b) pore size distribution curves of mesoporous phenolic resin structures templated by EC1/PEO-POSS blends.

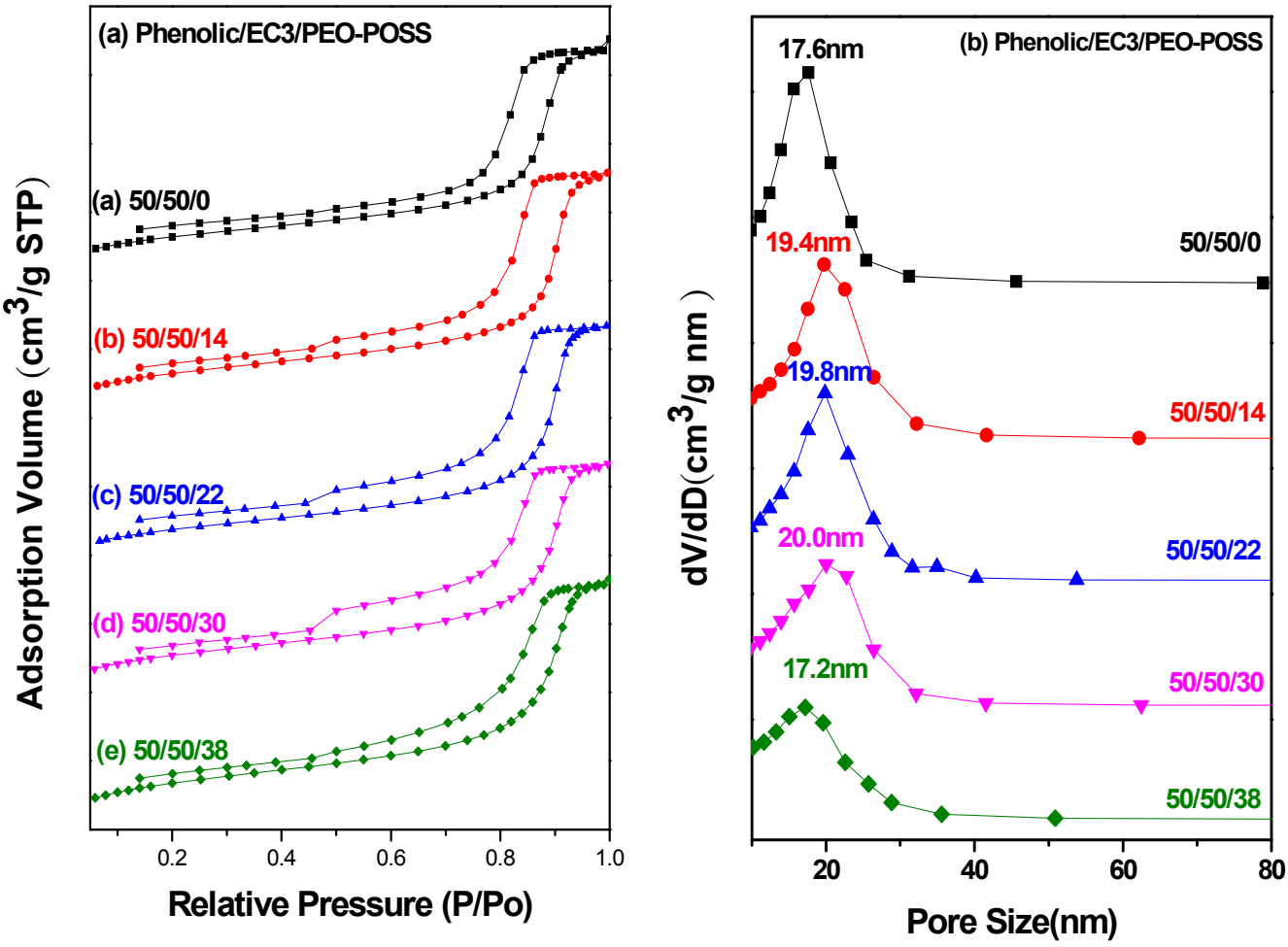

Figure S3: (a) N_2 adsorption/desorption isotherms and (b) pore size distribution curves of mesoporous phenolic resin structures obtained from templating EC3/PEO-POSS blends.

Table S1. Textual properties of the mesoporous carbon

Sample Template	*d* (nm)[a]	Pore size (nm)	S_{BET} (m^2/g)[b]	S_M (m^2/g)[b]	Pore volume (cm^3/g)	Micropore volume (cm^3/g)
Phenolic/EC3/PEO-POSS						
50/50/0	18.6	11.0	858	647	0.59	0.30
50/50/22	22.1	13.9	749	516	0.65	0.24

[a] The *d*-spacing values were calculated by the formula $d = 2\pi/q^*$. [b] S_{BET} and S_M are the total BET surface area and micropore surface area calculated from the t-plots, respectively.