

Electronic Supplementary Information

## Novel polysiloxane and polycarbosilane aerogels *via* hydrosilylation of preceramic polymers

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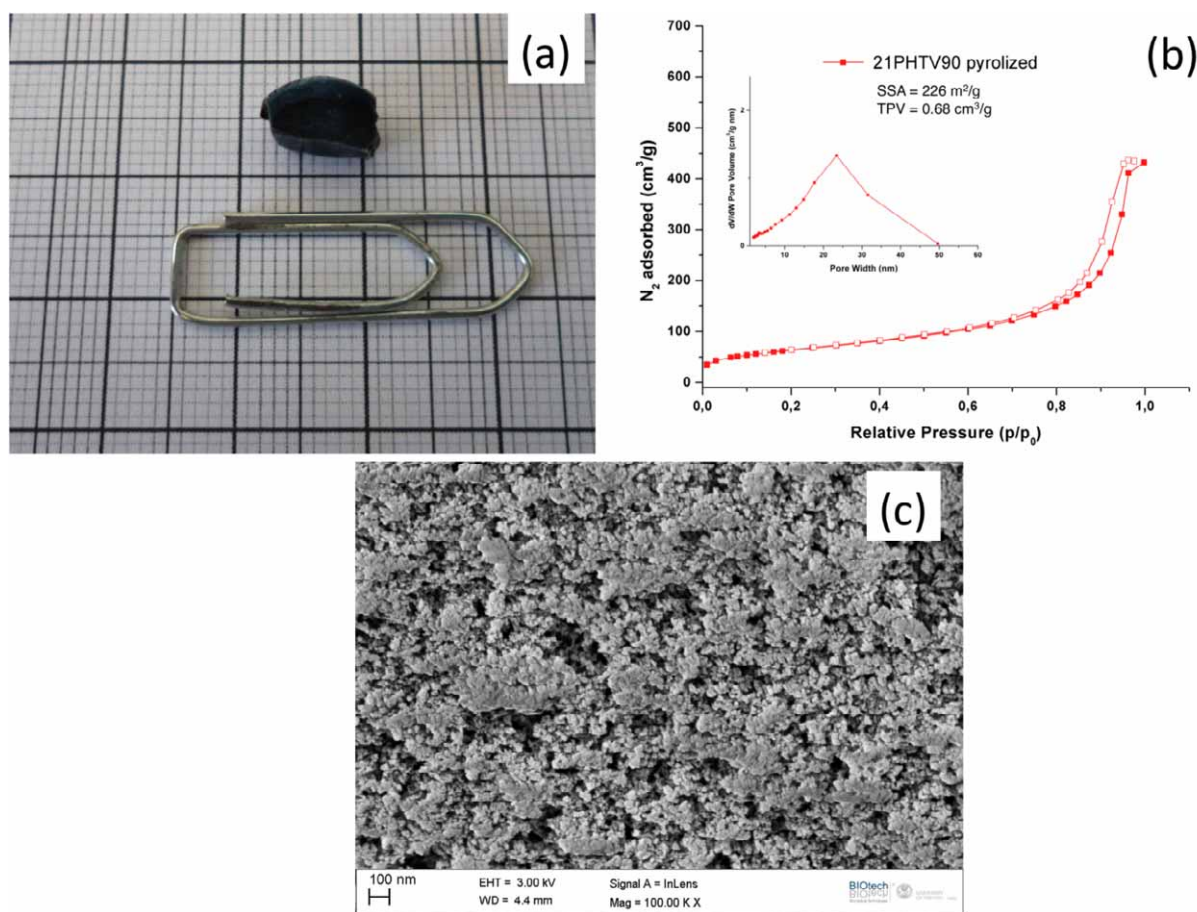
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**Fig. S1** (a) Digital camera image of Si-O-C aerogels obtained by pyrolysis in Ar flow at 1000 °C for 1 h of a 2 : 1 PHTV 90 aerogel; (b)  $N_2$  adsorption/desorption isotherms for the Si-O-C obtained by pyrolysis in Ar flow at 1000 °C for 1 h of a 2 : 1 PHTV 90 aerogel. Insert shows the pore size distribution curve; (c) FE-SEM images of Si-O-C obtained by pyrolysis in Ar flow at 1000 °C for 1 h of a 2 : 1 PHTV 90 aerogel.