

Supplementary materials

Template-Free Fabrication of Refractive Index Tunable Polysiloxane Coating Using Homogeneous Embedding Strategy: Application in High-Power Laser System

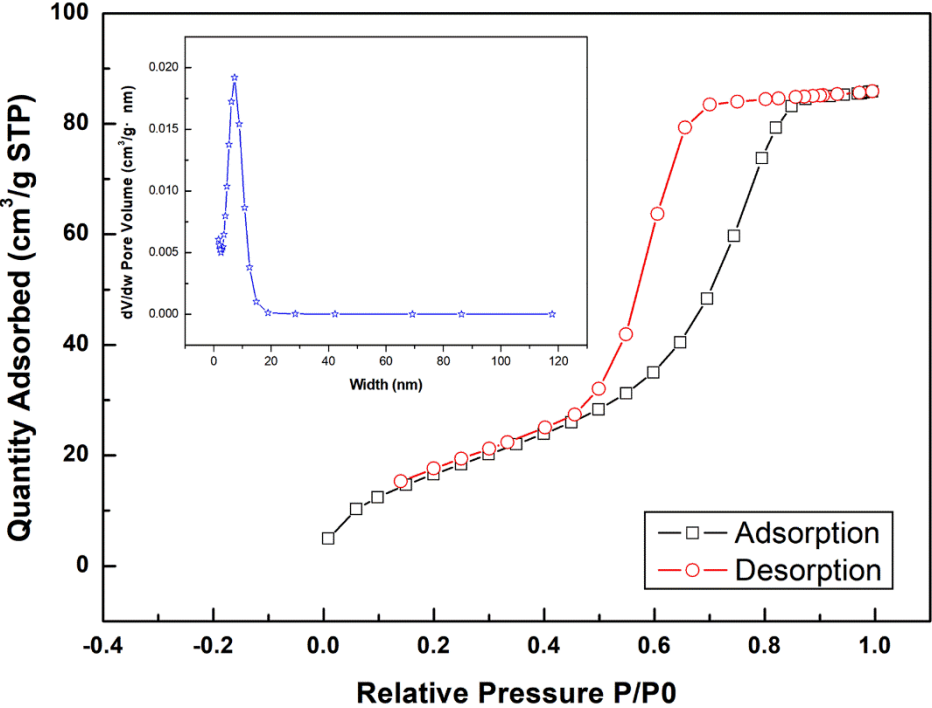


Figure S1. Nitrogen adsorption-desorption isotherm image of MSNs.

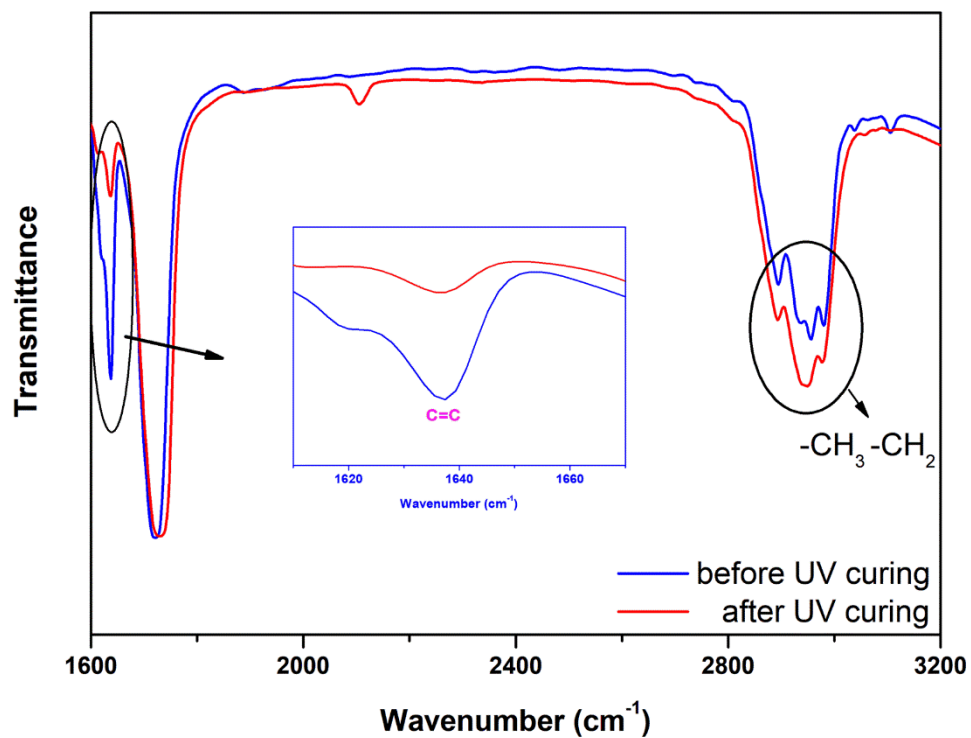


Figure S2. FTIR spectra of coating before and after UV curing.

Table S1. Specific Surface Area data of typical MSN.

Single point surface area at $p/p^\circ = 0.299522363$:	61.5860 m ² /g
BET Surface Area:	67.8628 m ² /g
t-Plot external surface area:	90.8852 m ² /g
BJH Adsorption cumulative surface area of pores between 1.7000 nm and 300.0000 nm width:	85.2113 m ² /g
BJH Desorption cumulative surface area of pores between 1.7000 nm and 300.0000 nm width:	115.0010 m ² /g