

Supporting information

for

Preparation of porous silica films in a binary template system for double-layer broadband antireflective coatings

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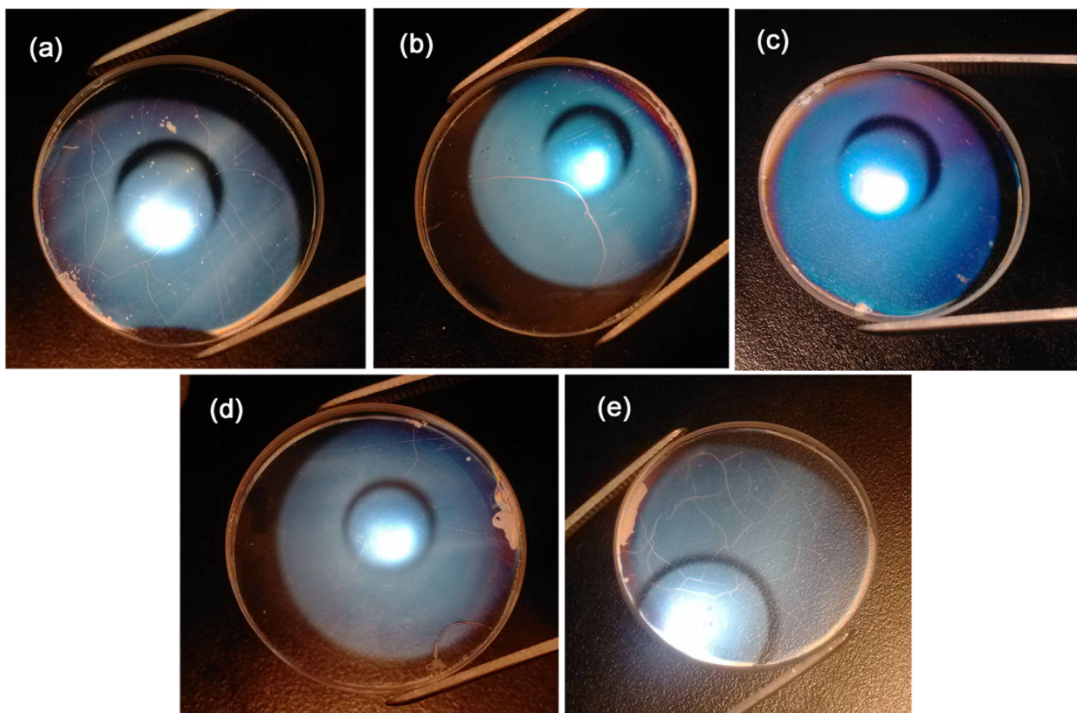


Figure S1. The digital images of the single-layer coatings made by sols with the molar ratio of two templates CTAB/PPG ranged from 0.6-1.2. (a) CTAB/PPG=0.6, (b)CTAB/PPG=0.8 (c)CTAB/PPG=1.0, (d)CTAB/PPG=1.2, (e)CTAB/PPG=1.4.

A uniform and crack-free coating was obtained when the molar ratio of CTAB/PPG is 1.0. The more the ratio deviate from 1.0, the more crack appeared on the surface.