

## **Description of Additional Supplementary Files**

**Supplementary Movie 1:** Optical microscope capture of polymer network island growth of 15 wt % DA-170 resin.

**Supplementary Movie 2:** Optical microscope capture of polymer network island growth of 99 wt % DA-700 resin.

**Supplementary Movie 3:** Optical microscope capture of polymer network island growth of 99 wt % DA-700 resin with laser on time and sliced area highlighted.