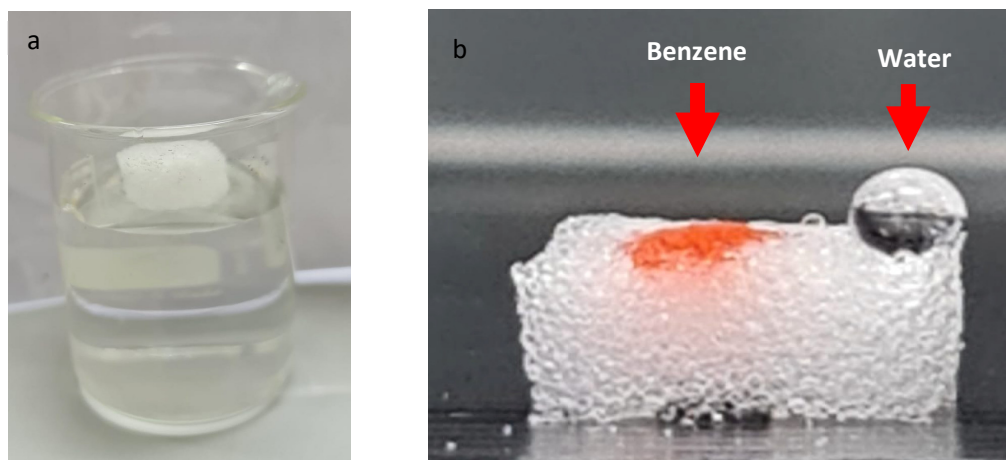
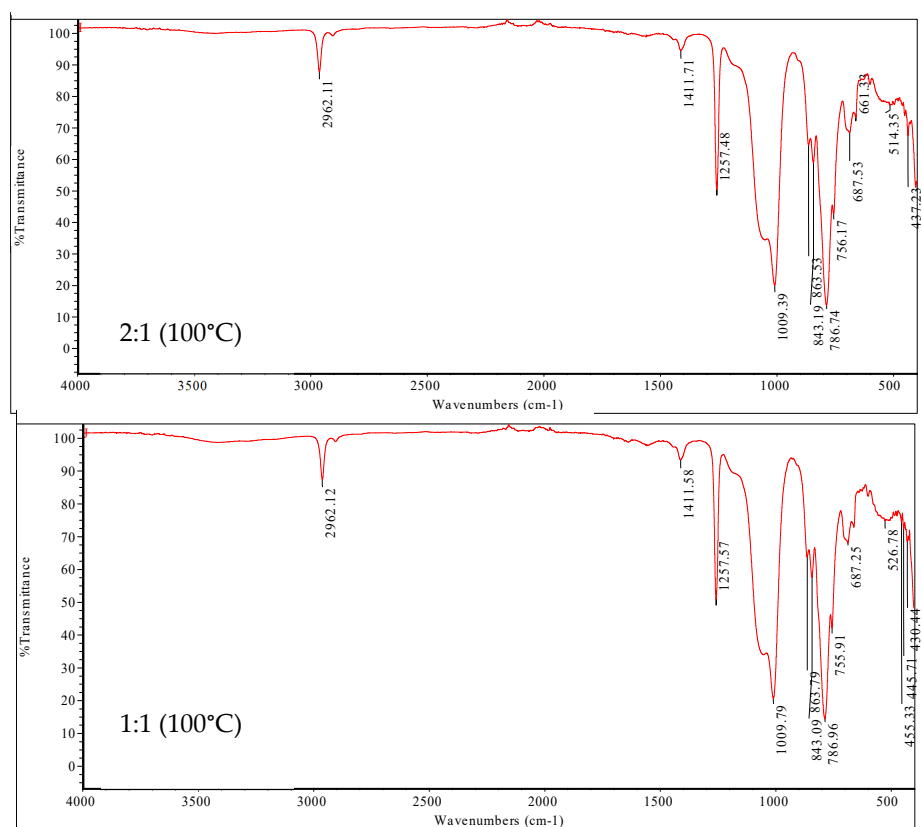


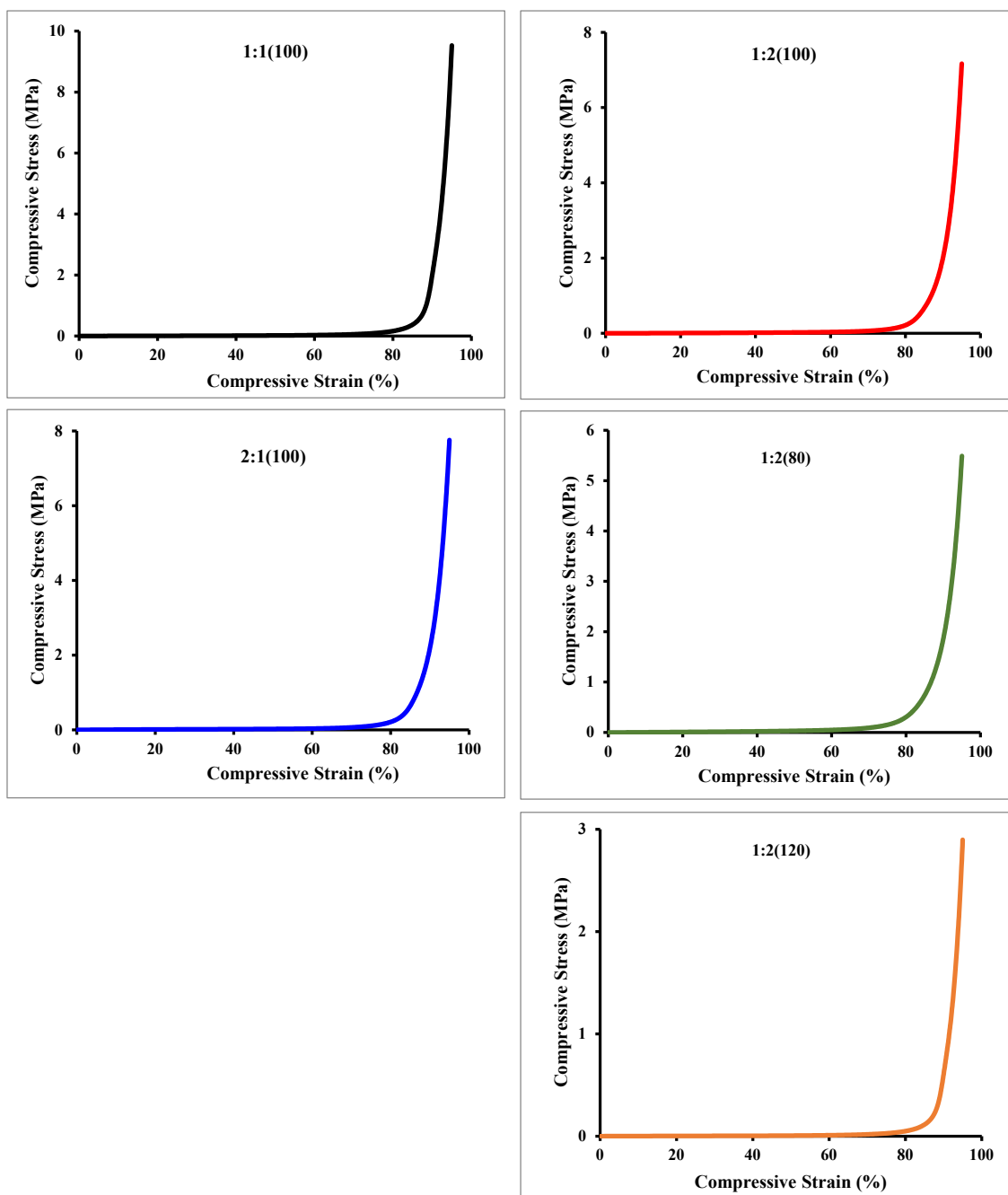
Supplementary Figures:



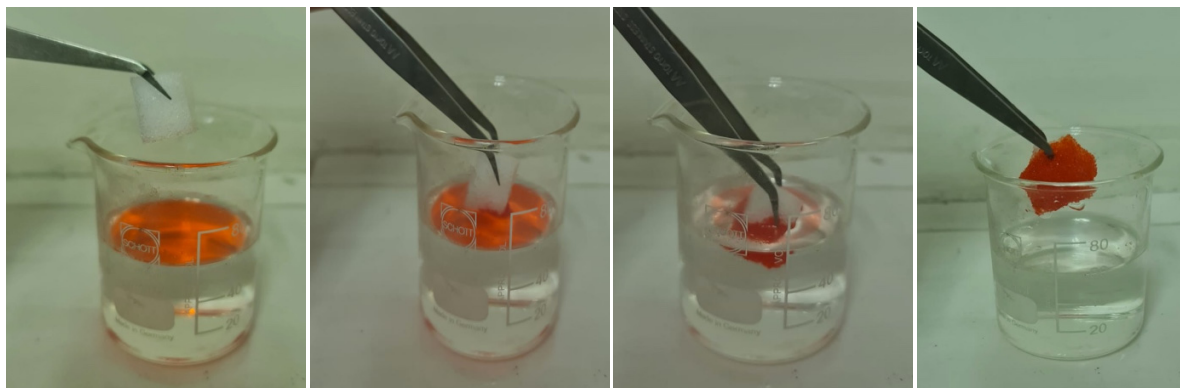
**Figure S1.** (a) The PDMS foam float on water; (b) Optical images of the wetting behaviors of water and benzene droplets on the surface of PDMS foam.



**Figure S2.** FTIR spectra of 1:1(100 °C) and 2:1(100 °C) PDMS foams.



**Figure S3.** Stress-strain curves for the prepared PDMS foams at strains of 95%.



**Figure S4.** Absorption of benzene, stained with Sudan III dye, by the 1:2(100) PDMS foam.

**Table S1.** The modulus and the compressive strength of the PDMS foams.

PDMS foams	Modulus (MPa)	Compressive Strength (MPa)
1:2(80)	$6 \times 10^{-04}$	0.0316
2:1(100)	$5 \times 10^{-04}$	0.0243
1:2(100)	$4 \times 10^{-04}$	0.0230
1:1(100)	$3 \times 10^{-04}$	0.0184
1:2(120)	$1 \times 10^{-04}$	0.0056