

Supplementary materials

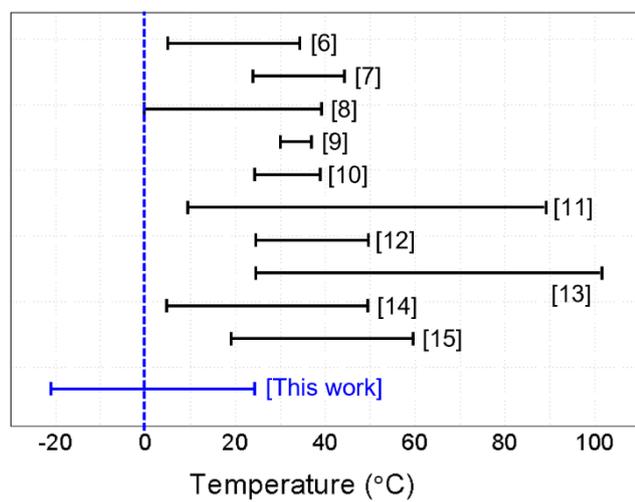


Figure S1. Temperature sensing ranges of various colorimetric sensors.

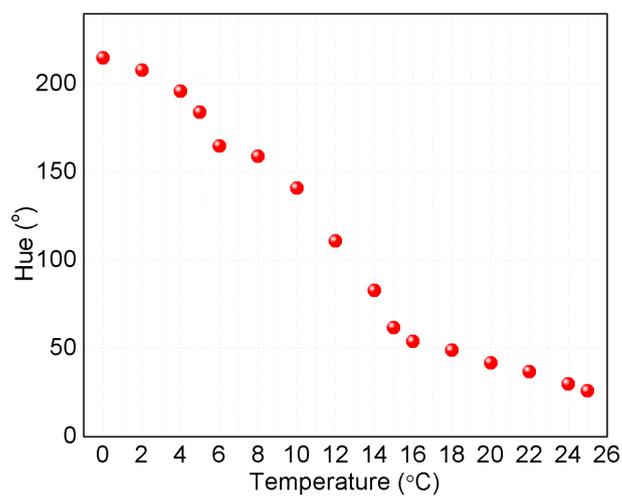


Figure S2. Color response of the HPC colorimetric sensor as a function of temperature depicted in the HSV color space.

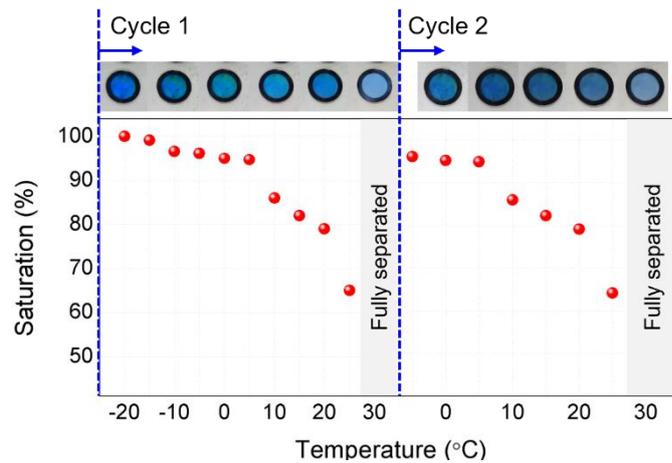


Figure S3. Repeatability test of the ethylene glycol-modulated (30 wt.%) HPC colorimetric sensor.