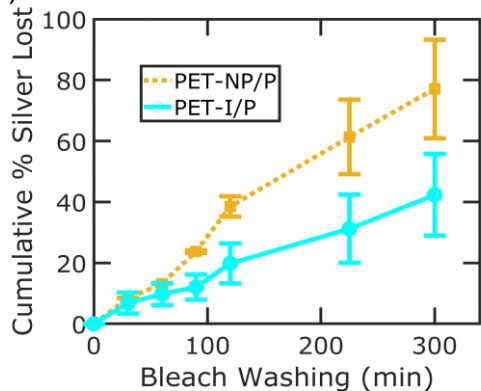


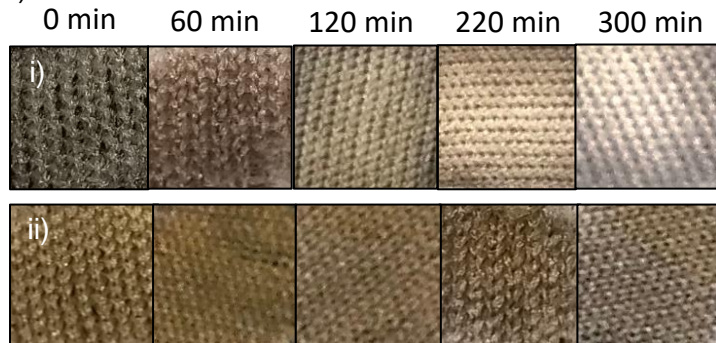
a)

Sample	Water Static Contact Angle	Advancing Contact Angle	Receding Contact Angle	Water Hysteresis	Water Breakthrough Pressure
PET-NP/P	$145 \pm 4^\circ$	$145 \pm 2^\circ$	$133 \pm 3^\circ$	$13 \pm 4^\circ$	388 ± 21 Pa
PET-I/P	$156 \pm 1^\circ$	$156 \pm 1^\circ$	$148 \pm 2^\circ$	$7 \pm 3^\circ$	490 ± 65 Pa

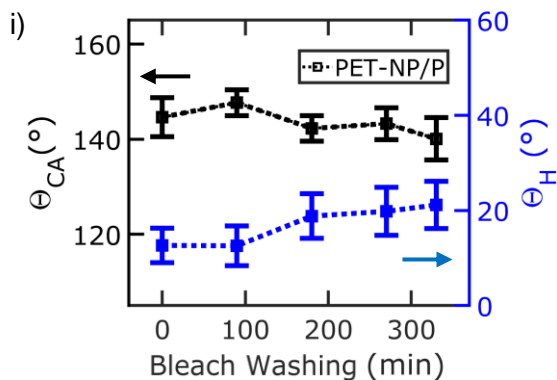
b)



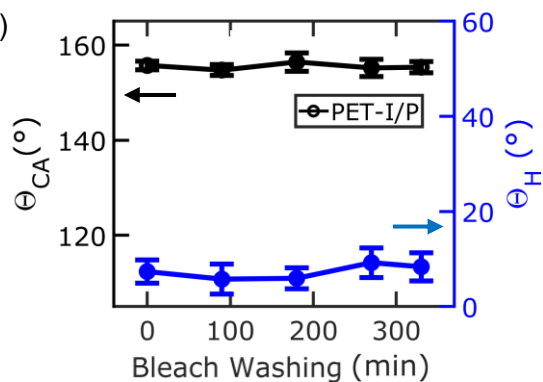
c)



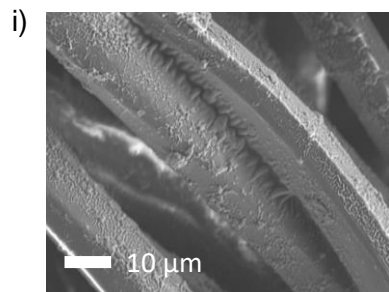
d)



ii)



e)



ii)

