

Table S3 Data of the different parameters, of freely swollen PAA in dH₂O.

OH-BHI	CH-BHI	Carbonyl/Carboxyl-BHI	SiO/AlOSi-BHI	Typ	T_{max}	T_{2peak}	T_{2WL}
0 (95% CI [0,0])	6.17 (95% CI [5.81, 6.53])	82.95 (95% CI [82.08, 83.82])	0 (95% CI [0, 0])	336.65 (95% CI [306.96, 366.34])	146.78 (95% CI [127.92, 165.63])	2,171.12 (95% CI [2,171.12, 2,171.12])	3,072.11 (95% CI [3,072.11, 3,072.11])