

Table S1. Variation, upon 20 min UV photoirradiation, of the advancing ($\theta_a^* - \theta_a$) and receding ($\theta_r^* - \theta_r$) water and diiodomethane contact angles measured on poly(Azo-co-AcRf6) spin-coated films with different azobenzene molar composition x_{Azo} .

Poly(Azo-co-AcRf6) x_{Azo}	Water		Diiodométhane
	$\theta_a^* - \theta_a$ (°)	$\theta_r^* - \theta_r$ (°)	$\theta_a^* - \theta_a$ (°)
0	-0.1 ± 1.0	1.1 ± 1.3	0.2 ± 1.0
0.24	-3.6 ± 1.5	-5.0 ± 2.5	-2.0 ± 1.2
0.42	-3.6 ± 2.0	-5.1 ± 2.0	-10.3 ± 3.2
0.71	-6.5 ± 3.1	-9.1 ± 2.2	-20.4 ± 1.1
0.83	-3.1 ± 1.4	-7.9 ± 2.3	-38.1 ± 2.3
1	-5.1 ± 1.5	-5.8 ± 1.6	-50.2 ± 2.4