Supporting Information

Engineering modifiers bearing benzophenone with enhanced reactivity to construct surface microstructure

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Supporting figures and tables

Figure S1. Synthetic Routes of BPS and BPEG.

Figure S2. $^1$H NMR spectrum of BPBiBU.
Figure S3. $^1$H NMR spectrum of BPS.

Figure S4. $^1$H NMR spectrum of BPEG.
Figure S5. 3D graphical representation of a 1.96 mm² area through surface profilometry, which is found along the dividing line between the irradiated region (left) and masked region (right) of PU coated with BPEG.