



## Supplementary Material

## A Process for the Synthesis and Use of Highly Aromatic Organosilanes as Additives for Poly(Vinyl Chloride) Films

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Figure S2. FTIR spectrum of 2.



Figure S4. <sup>1</sup>H NMR spectrum of 1.













Figure S8. <sup>13</sup>C NMR spectrum of 2.



Figure S9. <sup>13</sup>C NMR spectrum of 3.



Figure S10. EDX spectrum of PVC (blank) film before irradiation.



Figure S11. EDX spectrum of PVC (blank) film after irradiation (300 hours).



Figure S12. EDX spectrum of PVC + 1 film after irradiation (300 hours).



Figure S13. EDX spectrum of PVC + 2 film after irradiation (300 hours).



Figure S14. EDX spectrum of PVC + 3 film after irradiation (300 hours).