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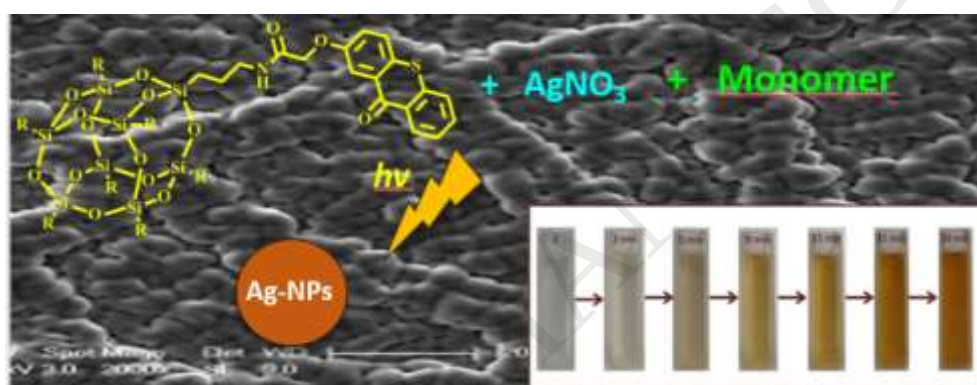
In-Situ Photoinduced Formation of Self-Assembled Ag NPs Using POSS-TX as Nano-Photoinitiator in PEGMEA/PEGDA Polymer Matrix and Creating Self-Wrinkled Pattern

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Graphical abstract



Highlights

- Thioxanthone chromophore attached to Amino POSS
- In-situ photosynthesis of silver nanoparticles achieved with TX-POSS
- Self-Wrinkled pattern obtained for UV-Cured polymeric films

Abstract

Thioxanthone (TX) and its derivatives are playing an important role as photoinitiators for photopolymerizable formulations. But another significant role of the photoinitiators was

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