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Polymerization-crosslinking of renewable itaconic acid in water and in deep eutectic solvents

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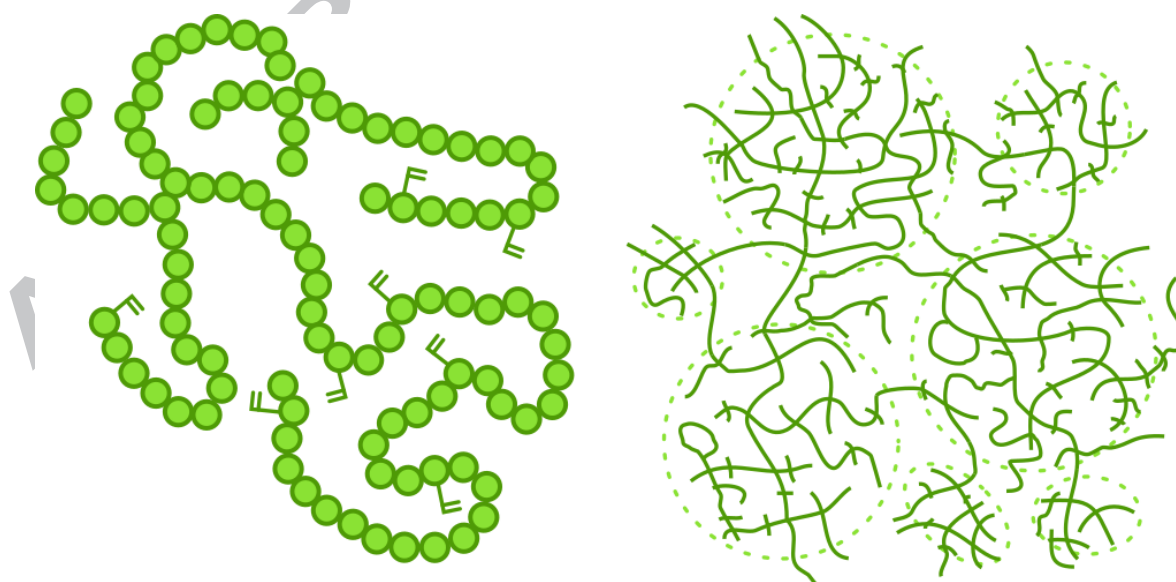
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- Free radical polymerization-crosslinking of itaconic acid have been studied.
- The process was carried out in water and in Deep Eutectic Solvent.
- Depending on the polymerization time itaconic nanogels or macrogels were obtained.
- Effect of the medium on chemical structure of the polymeric products was investigated.

Graphical abstract



Renewable itaconic nanogels & macrogels

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