

# ReactIR™ for Polymerization

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## Recent Journal Article Publications

### Polymerization

- Kaoukabi, Asmae, et al. "The use of ionic liquids as an organocatalyst for controlled ring-opening polymerization of  $\epsilon$ -caprolactone." *Industrial Crops and Products* 72 (2015): 16-23.
- Roberge, Stéphane, and Marc A. Dubé. "Infrared process monitoring of conjugated linoleic acid/styrene/butyl acrylate bulk and emulsion terpolymerization." *Journal of Applied Polymer Science* 133.26 (2016).
- Xu, Yonghang, et al. "Semi-crystalline terpolymers with varying chain sequence structures derived from CO<sub>2</sub>, cyclohexene oxide and  $\epsilon$ -caprolactone: one-step synthesis catalyzed by tri-zinc complexes." *Polymer Chemistry* 6.9 (2015): 1533-1540.
- Zhao, Wei, Yves Gnanou, and Nikos Hadjichristidis. "Organocatalysis by hydrogen-bonding: a new approach to controlled/living polymerization of  $\alpha$ -amino acid N-carboxyanhydrides." *Polymer Chemistry* 6.34 (2015): 6193-6201.
- Tang, Lei, et al. "One-pot synthesis of terpolymers with long l-lactide rich sequence derived from propylene oxide, CO<sub>2</sub>, and l-lactide catalyzed by zinc adipate." *Journal of Polymer Science Part A: Polymer Chemistry* 53.14 (2015): 1734-1741.
- Liu, Yuhong, et al. "Cure behavior and enhanced thermal properties of benzoxazine thermosets with isocyanate-terminated hyperbranched polyurethane of different degree of branching." *Polymer Bulletin* 72.8 (2015): 2105-2125.
- Kumar, Rajeev, Jack Emert, and Rudolf Faust. "The polymerization of isobutylene catalyzed by FeCl<sub>3</sub>·i-Pr<sub>2</sub>O complex prepared in non-halogenated solvents." *Polymer Bulletin* 72.1 (2015): 49-60.

**Mettler-Toledo AutoChem, Inc.**

7075 Samuel Morse Drive  
Columbia, MD 21046  
Phone +1 410 910 8500  
Fax +1 410 910 8600

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