

# Polymer Chemistry

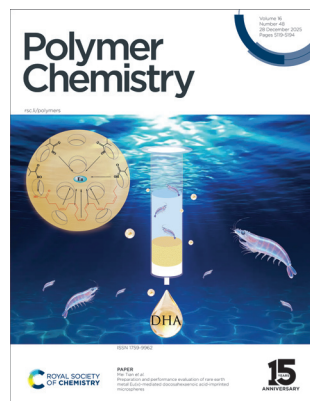
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## IN THIS ISSUE

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### Cover

See Mei Tian *et al.*,  
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W. Wang and M. Tian from  
*Polym. Chem.*, 2025, **16**,  
5132.

## EDITORIAL

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### Introduction to hybrid inorganic–organic polymers

Saurabh S. Chitnis,\* Rebekka S. Klausen\* and Erin M. Leitao\*

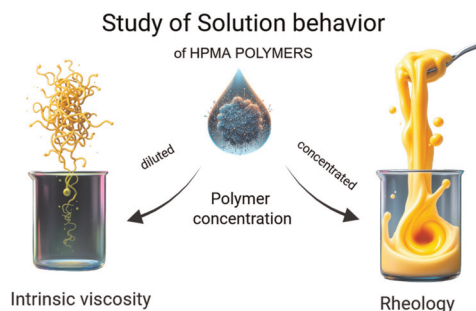


## COMMUNICATION

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### Structural dependence of the solution behavior of HPMA-based polymers

Lenka Kotrčová, Martina Nevalová,  
Michaela Hrochová, Zdeněk Starý, Tomáš Etrych and  
Libor Kostka\*



# RSC Applied Polymers

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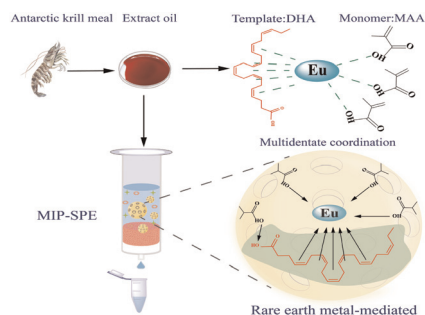
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Fundamental questions  
Elemental answers

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### Preparation and performance evaluation of rare earth metal Eu(III)-mediated docosahexaenoic acid-imprinted microspheres

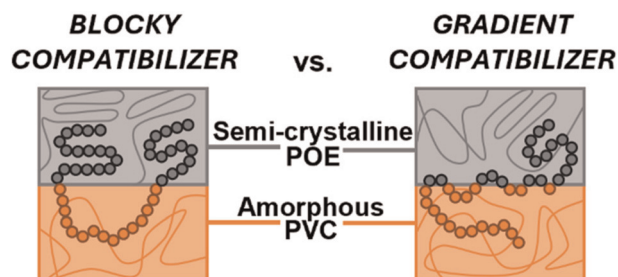
Zehui Wei, Shuangxian Yan, Jilei Yin, Yu Cheng, Shuxian Ge, Yukai He, Weiling Wang and Mei Tian\*



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### Correlating chlorinated polyethylene molecular structure to compatibilization efficiency for mixed polymer waste

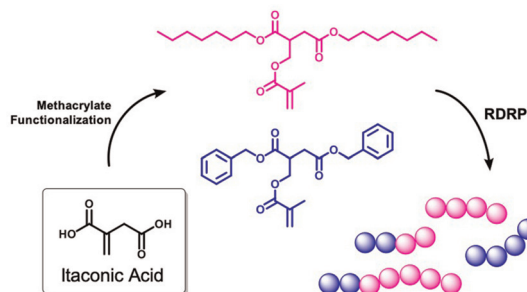
Christine W. Barker, Bailey Eberle, Mark D. Dadmun\* and Brian K. Long\*



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### Expanding the polymerization potential of itaconic acid through methacrylate functionalization

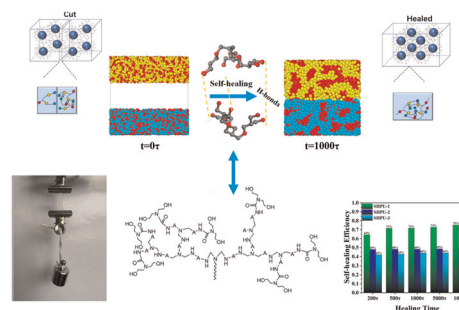
Mary Hnatyshyn,\* Matthew Halloran, Maxwell Laykish, Jim A. Nicell, Richard L. Leask and Milan Maric\*



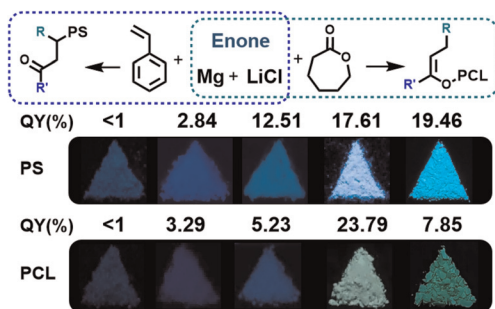
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### Sub- $T_g$ self-healing in glassy hyperbranched polyurethanes governed by mobile peripheral sub-segment units

Lang Shuai, Guangwei Xu, Jianglong Li, Jianlong Wen, Boyu Ding, Shui Yu, Yingying Xu and Yijing Nie\*



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### Emission-tunable aggregation-induced emission thermoplastics via ketyl-mediated polymerization-induced emission

Xiang Wu, Xin-Hui Wang, Chen-Xi Chen, Yu-Jiao Chen, Song-Wei Yang,\* Hai Nan,\* Xiao-Li Sun, Li-Ren Xiao\* and Wen-Ming Wan\*

