



Fluorinated Polymers

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Message from the Guest Editor

It is well known that fluorinated polymers, such as poly(tetrafluoroethylene), poly(vinylidene fluoride) and poly(chlorotrifluoroethylene/vinylether), are functional materials as they exhibit excellent chemical and thermal stability, low surface energy and low refractive index and dielectric constant. Partially fluoroalkylated polymers, such as fluoroalkyl acrylate polymers and fluoroalkyl end-capped polymers (oligomers), also have high potential in practical applications in a wide range of fields. In addition, studies on the composite reactions of these fluorinated polymers with numerous inorganic materials are of particular interest from the developmental viewpoints of novel fluorinated high-performance materials. Thus, industrial and academic scientists, and researchers, including graduate students, will obtain useful information from this Special Issue on “Fluorinated Polymers”.





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