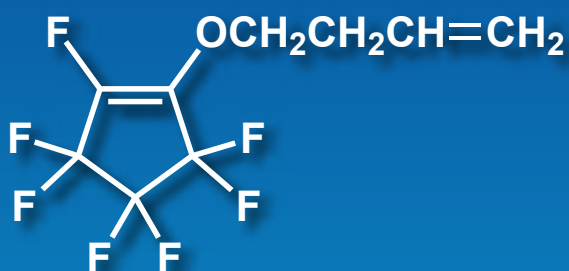


Cyclic Olefin Monomer for Transparent Fluorinated Polymers

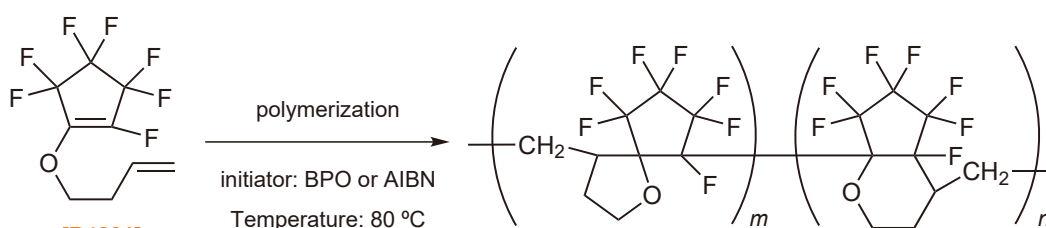


BHC
1g / 5g
[B4881]

Advantages

- The spiro- and bicyclo-structured homopolymer can be synthesized by bulk radical polymerization.
- BHC homopolymer dissolves in organic solvents and shows high light transmissibility, low refractive index and high glass-transition temperature.

Application



BHC homopolymer

M_w = 1.5 x 10⁴
Refractive index: n_d = 1.385
Abbe's number: V_d = 64
Transmittance %T: >90% (250 - 900 nm)
T_g: 191 °C

References T. Kubota, Yuki Gosei Kagaku Kyokaishi (J. Synth. Org. Chem. Jpn.) **2013**, *71*, 196. <https://doi.org/10.5059/yukigoseikyokaishi.71.196>
T. Kubota, A. Takagi, Ibaraki University, JP Patent 4399608.

Related Product

BPO (wetted with ca. 25% Water)

25g **[B3152]**

For further information please refer to our website at www.TCIchemicals.com.

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