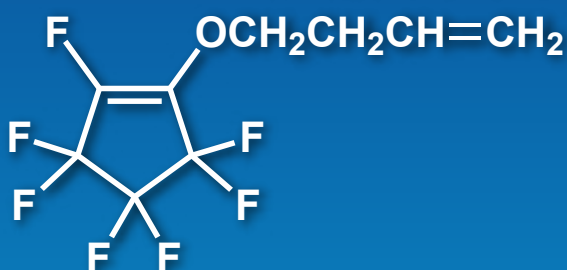


Cyclic Olefin Monomer for Transparent Fluorinated Polymers

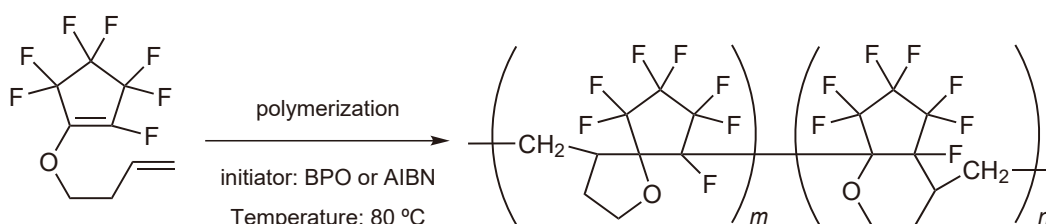


BHFC
[B4881]

Advantages

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

Application



BHFC homopolymer

Mw = 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 Kyokaiishi (J. Synth. Org. Chem. Jpn.) **2013**, 71, 196.
T. Kubota, A. Takagi, Ibaraki University, JP Patent 4399608.

BHFC (= 1-(3-Butenyloxy)-2,3,3,4,4,5,5-heptafluorocyclopentene)

1g / 5g **[B4881]**

Related Products

BPO (wetted with ca. 25% Water)
AIBN

25g **[B3152]**
25g / 500g **[A0566]**

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

fluorinated monomers



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