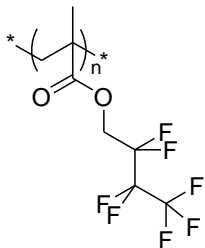


Sample Name: Poly(2,2,3,3,4,4,4-heptafluorobutyl methacrylate)

Sample #: P19191-7FBuMA
(By GTP process)

Structure:



Composition:

Mn x 10 ³	30.0
PDI	1.4
Tg (°C)	51.6
Microstructure	S:h:I 42:44:14

Synthesis Procedure:

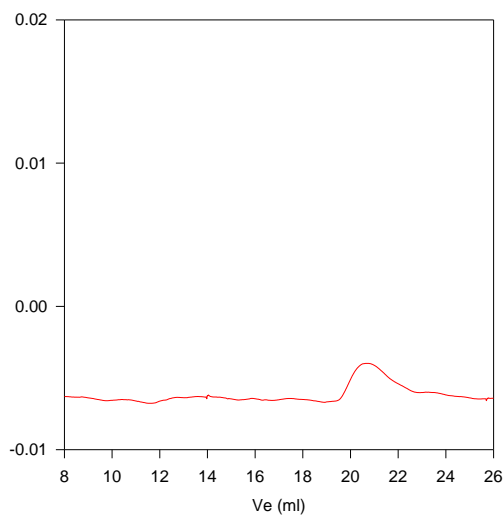
Polymer can be obtained by RAFT, GTP or anionic polymerization process.

Characterization:

The molecular weight and polydispersity index (PDI) of Poly(2,2,3,3,4,4,4-heptafluorobutyl methacrylate) are obtained by size exclusion chromatography. The product is a low refractive index product. Elution in THF at 35 °C gives negative response.

SEC of Homopolymer:

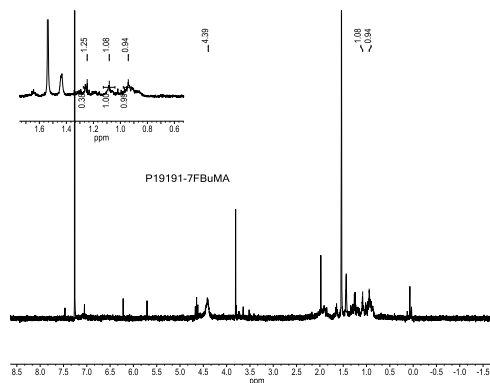
P19191-7FBuMA



Size Exclusion Chromatography of the polymer:

M_n = 30,000, M_w = 42,000, PI = 1.4

HNMR of the Polymer :



DSC of Homopolymer:

