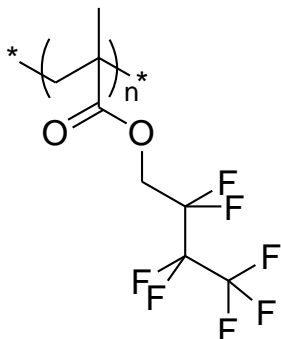


Sample Name: Poly(2,2,3,3,4,4,4-heptafluorobutyl methacrylate)

Sample #: P19182-7FBuMA

Structure:



Composition:

$M_n \times 10^3$	18.0
PDI	1.4
$T_g (^{\circ}\text{C})$	53.5

Synthesis Procedure:

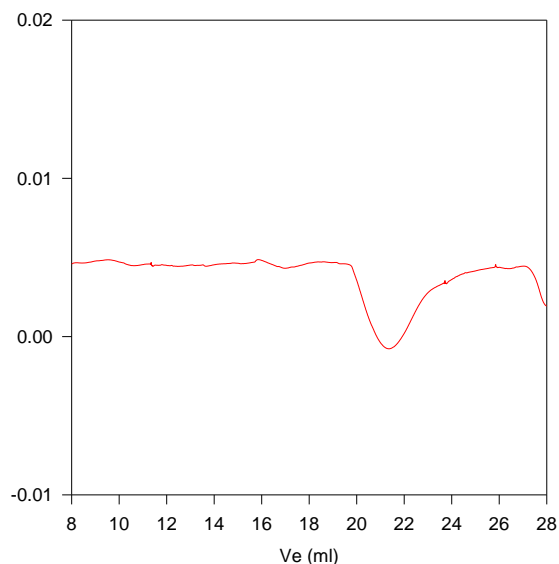
Polymer can be obtained by RAFT, GTP or anionic polymerization process.

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 oC gives negative response.

SEC of Homopolymer:

P19182-7FBuMA



Size Exclusion Chromatography of the polymer:

$M_n = 18,000$, $M_w = 25,000$, $PI = 1.4$

DSC of Homopolymer:

