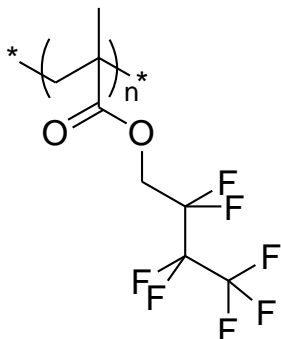


Sample Name: Poly(2,2,3,3,4,4,4-heptafluorobutyl methacrylate)

Sample #: P19167-7FBuMA

Structure:



Composition:

$M_n \times 10^3$	9.0
PDI	1.5
$T_g (^{\circ}\text{C})$	43.0

Synthesis Procedure:

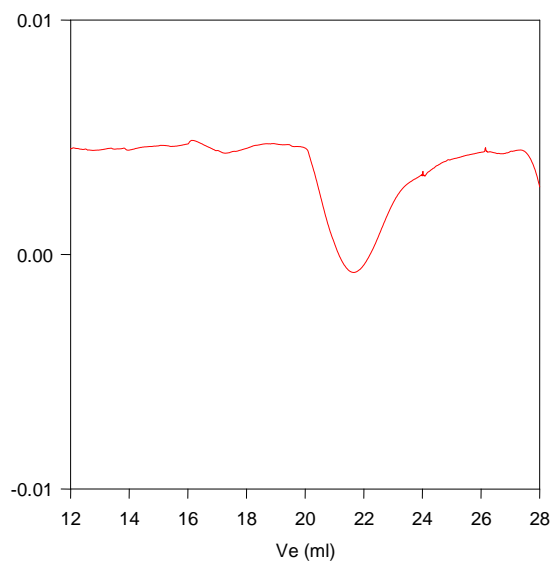
Polymer can be obtained by RAFT, GTP or anionic polymerization process.

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:

P19167-7FBuMA



Size Exclusion Chromatography of the polymer:

$M_n = 9,000$, $M_w = 13,500$, $PI = 1.5$

DSC of Homopolymer:

