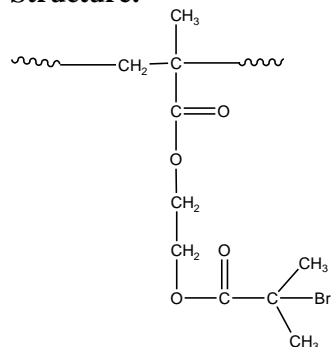


Sample Name:
Poly(2-(bromoisobutryl)ethylmethacrylate)

Sample #: **P5703B-BrIEMA**

Structure:



Composition:

$M_n \times 10^3$ BrIEMA	PDI
13.0	1.45
T_g for BrIEMA	91°C

Synthesis Procedure:

Poly(2-bromoisobutryl ethylmethacrylate) is synthesized by living anionic polymerization. Proprietary procedure is under publication.

Characterization:

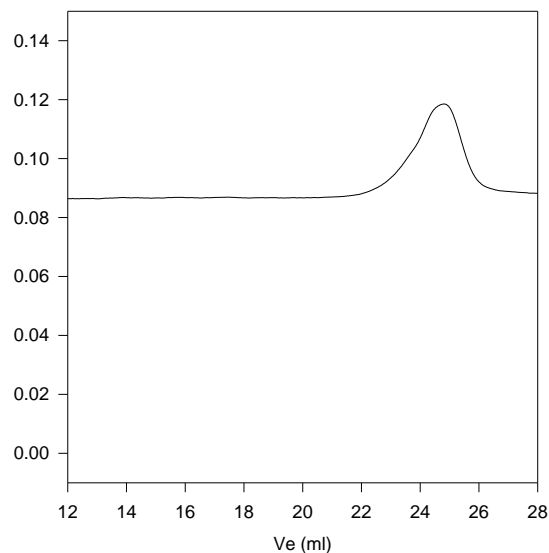
SEC analysis of the obtained block copolymer in THF was carried out in presence of triethyl amine as eluent. Polymer PDI was determined by SEC.

Thermal analysis:

Thermal analysis of the samples was carried out on a TA Q100 differential scanning calorimeter at a heating rate of 10°C/min. The midpoint of the slope change of the heat flow plot of the second heating scan was considered as the glass transition temperature (T_g).

SEC of the Polymer:

P5703B-BrIEMA



Size exclusion chromatography of product:
 $M_n = 13000$; $M_w = 18,800$; $PI = 1.45$

DSC thermogram for BrIEMA block:

