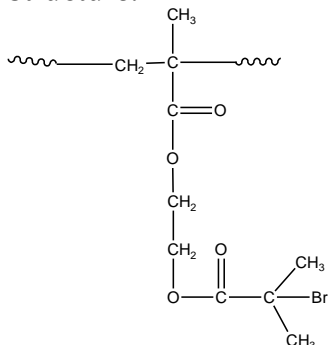


Sample Name:

Poly(2-(bromoisobutryl)ethylmethacrylate)

Sample #: P5703d-BrIEMA**Structure:****Composition:**

Mn × 10 ³ MMA-b-BrIEMA	PDI
30.0	5.0
T _g for BrIEMA: 91°C	

Synthesis Procedure:

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

Characterization:

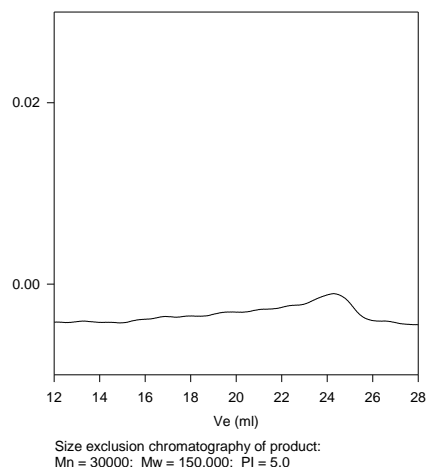
SEC analysis of the obtained block copolymer in THF was carried out in presence of triethyl amine as eluent. Polymer PDI was determined by SEC.

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:

P5703D-BrIEMA

**DSC thermogram for BrIEMA block:**