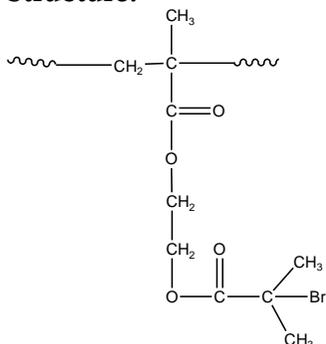


**Sample Name:**

Poly( 2-(bromoisobutryl)ethylmethacrylate)

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

Mn × 10 <sup>3</sup> MMA-b-BrIEMA	PDI
30.0	5.0
T <sub>g</sub> for BrIEMA: 91°C	

**Synthesis Procedure:**

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

**Characterization:**

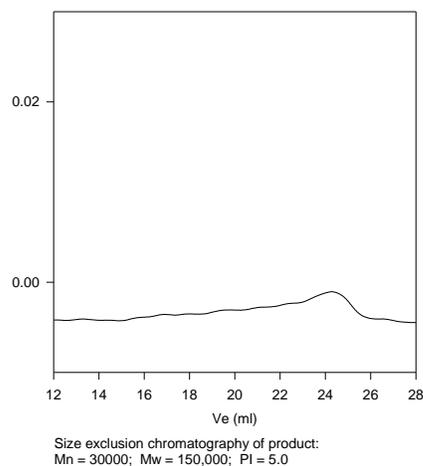
SEC analysis of the obtained block copolymer in THF was carried out in presence of triethyl amine as eluent. Polymer PDI was determined by SEC.

**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<sub>g</sub>).

**SEC of the Polymer:**

P5703D-BrIEMA

**DSC thermogram for BrIEMA block:**