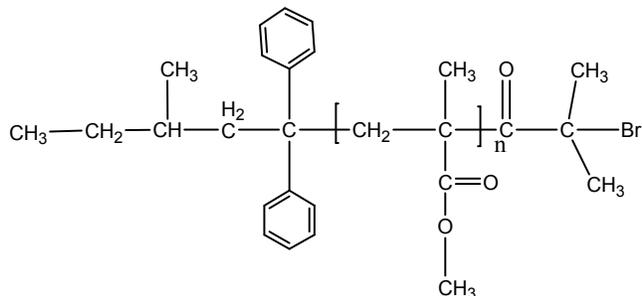


Sample Name:

ω -Bromo end functionalized Poly(methyl methacrylate) isotactic rich PMMA
(Macroinitiator for ATRP)

Sample #: P10079-MMABr

Structure:



Composition:

Mn x 10 ³	PDI
9.0	1.4

Synthesis Procedure:

The Br end functionalized PMMA is prepared anionic process.

Characterization:

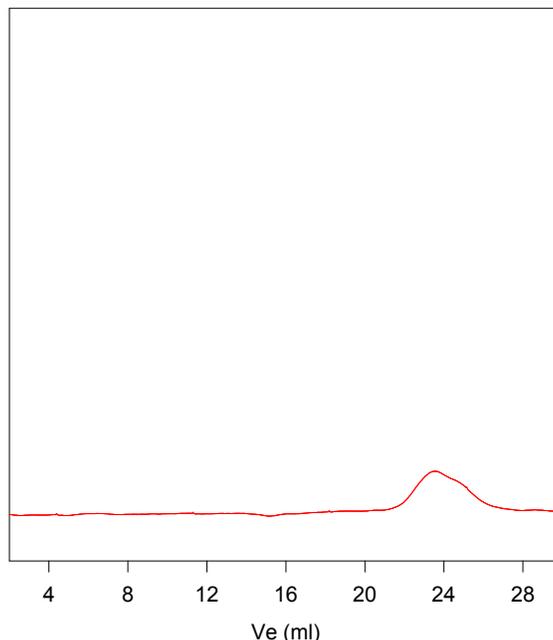
The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

Solubility:

Polymer is soluble in THF, toluene and CHCl₃. It precipitates from methanol, ethanol, water and hexanes.

SEC of Sample:

P10079-MMABr



Size exclusion chromatograph of polymer:

$$M_n=9000, M_w=12,600, M_w/M_n=1.4$$

