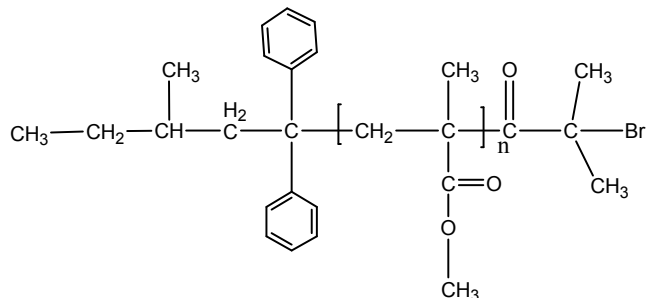


Sample Name:

**$\omega$ -Bromo end functionalized Poly(methyl methacrylate) isotactic rich PMMA**  
(Macroinitiator for ATRP)

Sample #: **P10079-MMABr**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
9.0	1.4

**Synthesis Procedure:**

The Br end functionalized PMMA is prepared anionic process.

**Characterization:**

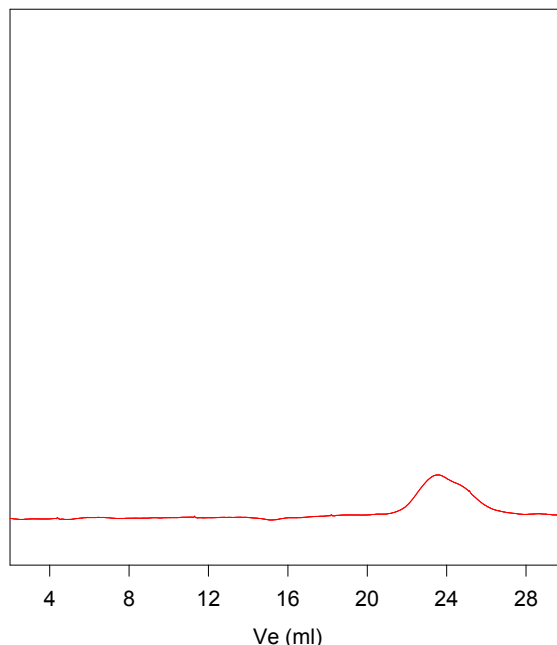
The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

**Solubility:**

Polymer is soluble in THF, toluene and CHCl<sub>3</sub>. It precipitates from methanol, ethanol, water and hexanes.

**SEC of Sample:**

**P10079-MMABr**



Size exclusion chromatograph of polymer:

M<sub>n</sub>=9000, M<sub>w</sub>=12,600, M<sub>w</sub>/M<sub>n</sub>=1.4

