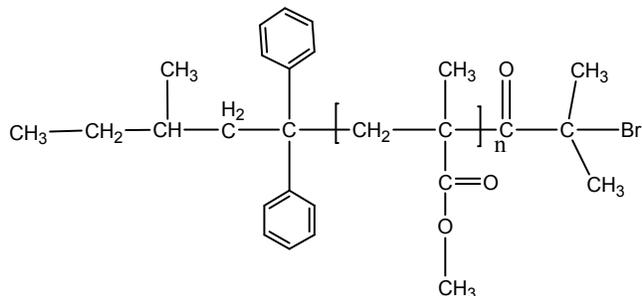


Sample Name:

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

Sample #: **P10780-MMABr**

Structure:



Composition:

$M_n \times 10^3$	PDI
10.5	1.19

Synthesis Procedure:

The Br end functionalized PMMA is prepared by anionic process.

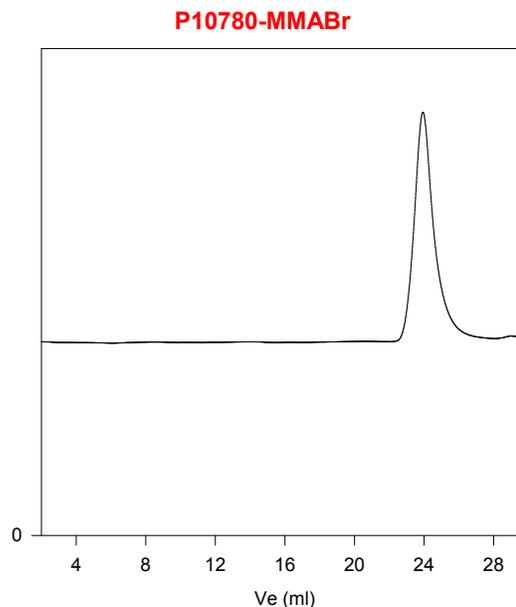
Characterization:

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_3 . It precipitates from methanol, ethanol, water and hexanes.

SEC of Sample:



Size exclusion chromatograph of polymer:

Bromo end functionalized PMMA $M_n=10500$, $M_w=12,500$, $M_w/M_n=1.19$

