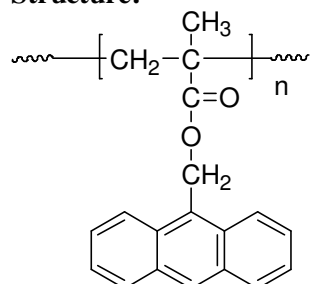


Sample Name:

Poly(9-Anthracenyl methyl methacrylate)

Sample #: **P19674A-AnMA**

Structure:



Composition:

Mn x 10 ³	PDI
33.0	1.28

Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography (SEC) in THF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and UV light scattering detectors. Three SEC columns from Supelco (G6000-4000-2000 HXL) were used with triple detectors from Viscotek Co. ¹H NMR analysis was carried out on Varian instrument at 500MHz.

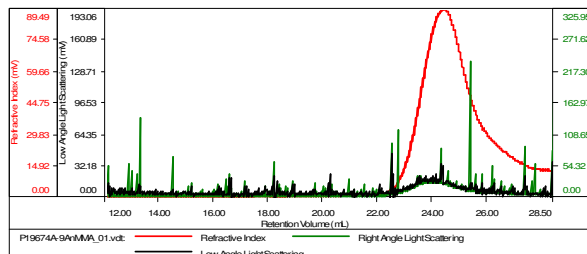
Solubility:

Polymer is soluble in THF, CHCl₃, toluene and dioxane. The polymer precipitates from hexanes, methanol and ethanol.

SEC of Homopolymer:

Sample ID-PD19674A-9AnMMA

Concentration (mg/mL)	2.5220
Sample cndb (mL/g)	0.0840
Method File	PS80K-June30-2015-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P19674A-9AnMMA_01.vdt	33,530	42,761	35,434	1.275	0.0598