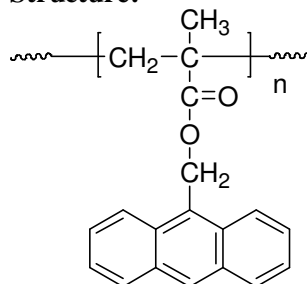


Sample Name:

**Poly(9-Anthracenyl methyl methacrylate)**

Sample#: **P19674B-AnMA**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
1.2	2.8

**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. <sup>1</sup>H NMR analysis was carried out on Varian instrument at 500MHz.

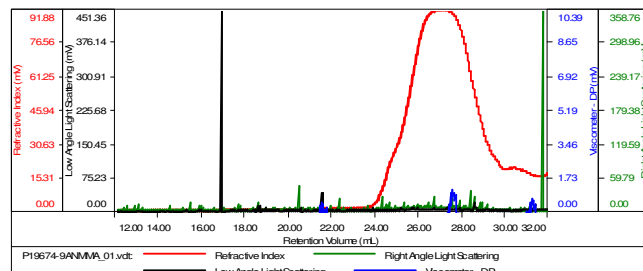
**Solubility:**

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

**SEC of Homopolymer:**

**Sample ID-P19674-9AnlMMA**

Concentration (mg/mL)	3.7417
Sample dndc (mL/g)	0.0840
Method File	PS80K-June30-2015-0000.vcm
Column Set	3xPL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P19674-9AnlMMA_01.vdt	1,210	2,911	2,839	2.405	1.0000