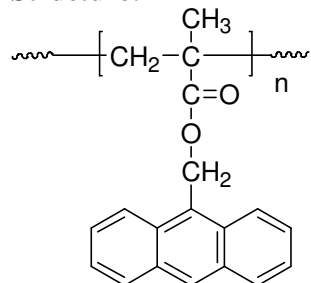


Sample Name: Poly(9-Anthracenyl methyl methacrylate)

Sample#: P19669A-AnMA

Structure:



Composition:

$M_n \times 10^3$	PDI
143.0	1.5

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.

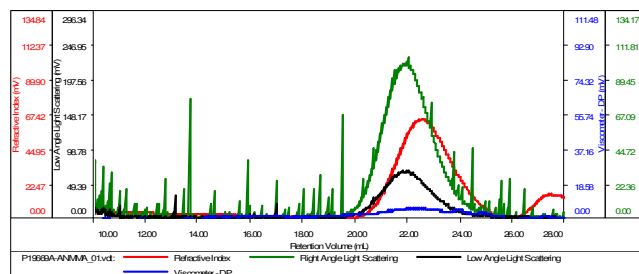
Solubility:

Polymer is soluble in THF, CHCl_3 , toluene and dioxane. The polymer precipitates from hexanes, methanol and ethanol.

SEC of Homopolymer:

Sample ID: P19669A-9AnMMA

Concentration (mg/mL)	1.7081
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-June30-2015-0000.vom
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)
P19669A-ANMMA_01.vcl	143,006	222,257	183,620	1.554	0.2390