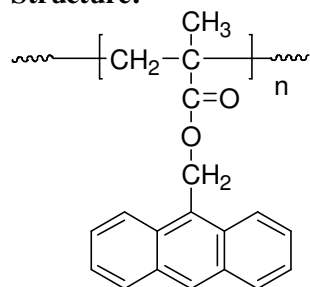


Sample Name

Poly(9-Anthracenyl methyl methacrylate)

Sample #: **P19669-AnMA**

Structure:



Composition:

$M_n \times 10^3$	PDI
226.0	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.

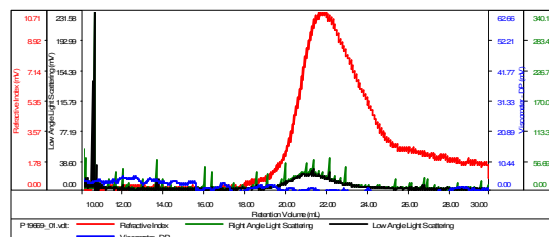
Solubility:

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

SEC of Homopolymer:

Sample ID-P19669-9AnMMA

Concentration (mg/mL)	0.4344
Sample dilute (mL/g)	0.0940
Method File	PS80K-June90-2015-0000.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)
P19669_01.vcl	228,652	341,679	372,298	1.493	0.1880