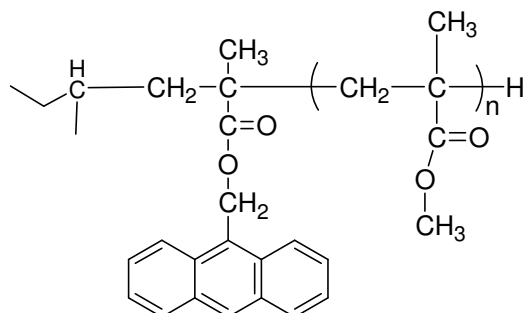


Sample Name: Anthracene Terminated Poly(methyl methacrylate)

Sample #: P19670-MMA-An

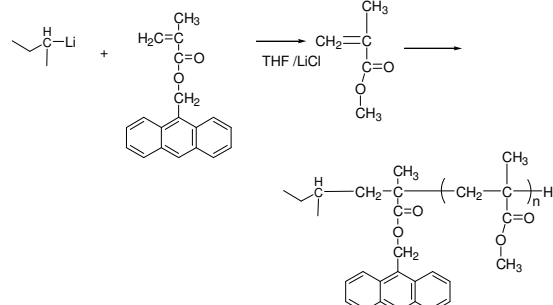
Structure:



Composition:

Mn x 10 ³	PDI
10.5	1.18

Synthesis Procedure: By anionic Process :



Characterization:

The polymer was characterized by SEC and ¹H NMR.

Functionality: functionality of the obtained polymer was determined by proton NMR.

Solubility:

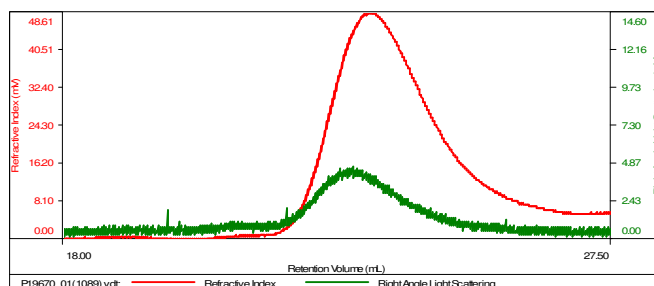
Anthracene terminated PMMA is soluble in DMF, THF, toluene, and CHCl₃. It precipitates from methanol, hexane and water.

SEC elugram of the polymer:

Sample ID:

P19670-9AnMMA-MMA

Concentration (mg/mL)	3.9502
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-30JUNE2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P19670_01(1089).vdt	10,447	11,893	1.138	0.1263	11,963

¹H NMR spectrum of the polymer:

