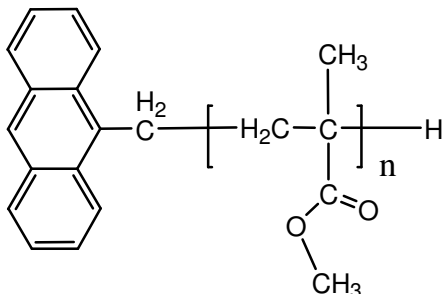


Sample Name: Anthracene Terminated
Poly(methyl methacrylate)

Sample #: P19711A-MMA-An

Structure:

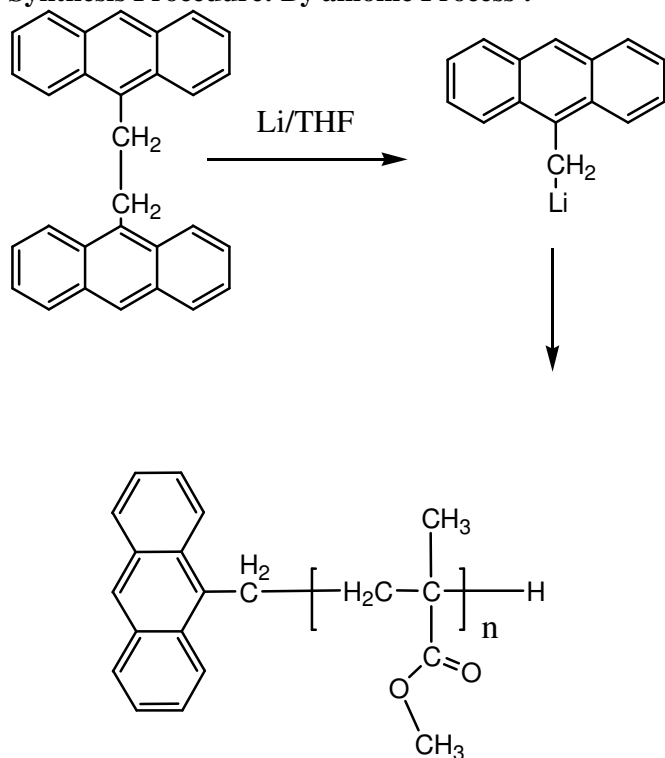


Composition:

Mn x 10 ³	PDI
8.5	1.8

Microstructure (S:H:I)	68:28:4
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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.

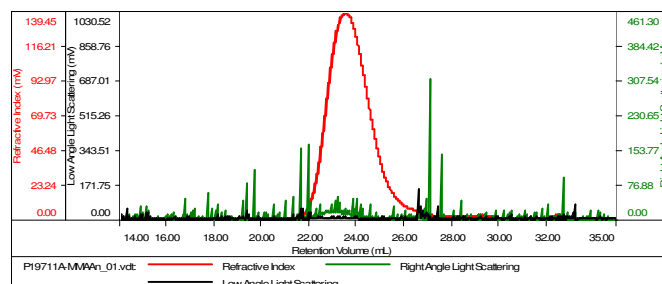
Solubility:

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

SEC elugram:

Sample ID:P19711A-MMAAn

Concentration (mg/mL)	3.7464
Sample dn/dc (mL/g)	0.0940
Method File	PS30K-Jan2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mw/Mn	Mz	IV
P19711A-MMAAn_01.vcl	8,337	15,782	1.883	110,438	0.3512

¹H NMR spectrum of polymer:

