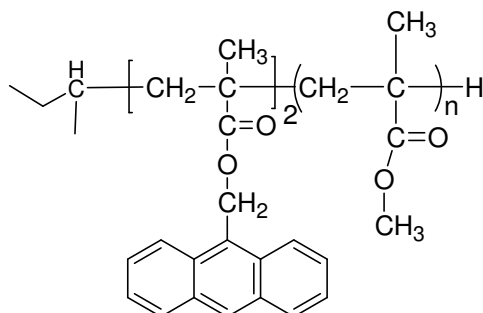


Sample Name: Anthracene Terminated Poly(methyl methacrylate)

Sample #: P19690-MMA-An

Structure:

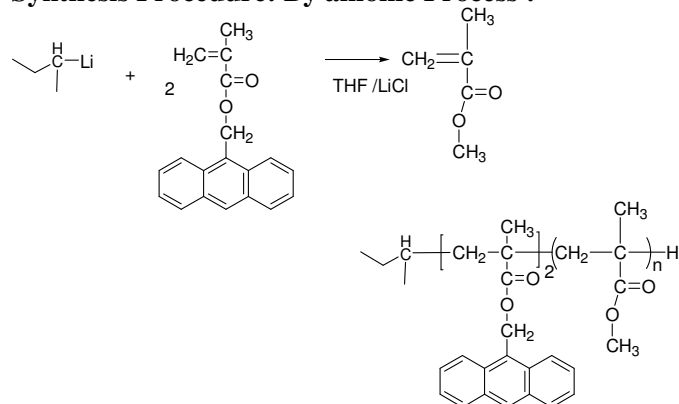


Composition:

Mn x 10 ³	PDI
27.5	1.28

Microstructure (S:H:I)	
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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.

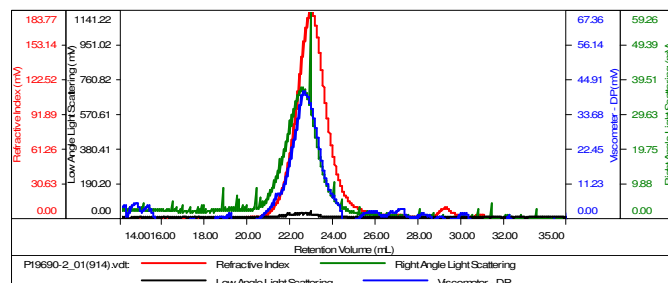
Solubility:

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

SEC elugrame:

Sample ID-P19690-MMAAn

Concentration (mg/mL)	3.9951
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-Jan-2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mw/Mn	Mz	IV
P19690-2_01(914).vdt	27,514	35,190	1.279	57,548	0.4646

¹H NMR spectrum of polymer:

