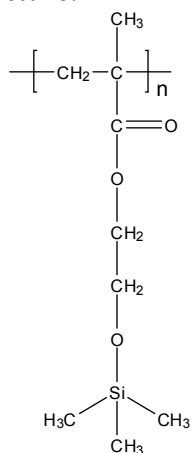


Sample Name: Poly (trimethyl siloxy 2-ethyl methacrylate)

Sample #: P40508-HEMATMS

Structure:



Composition:

Mn x 10 ³	PDI
35.0	1.9

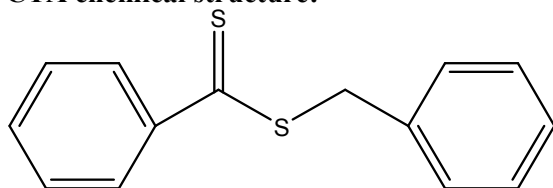
Synthesis Procedure:

Poly (trimethyl siloxy 2-ethyl methacrylate) is obtained by anionic polymerization of HEMA-TMS monomer.

Characterization:

The molecular weight and polydispersity index (PDI) obtained by size exclusion chromatography in DMF at 60°C using TDA Viscotek triple detector.

CTA chemical structure:



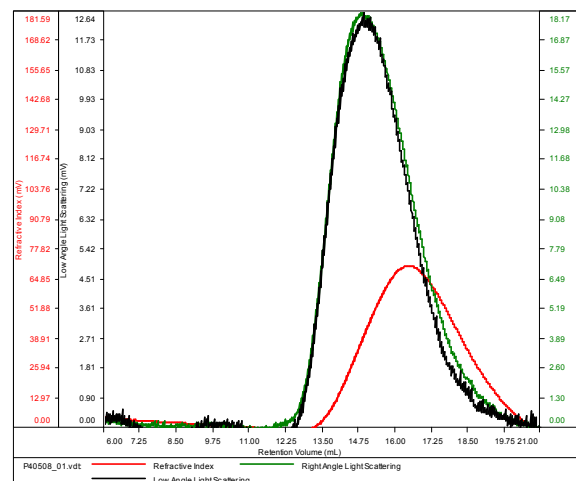
Solubility:

Polymer is soluble in Acetone, THF, DMF, etc.

SEC elugram of Homopolymer in DMF:

P40508-HEMATMS

Conc	24.3817
dn/dc	0.0650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-March2017-0002.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40508_01.vdt	34,888	67,803	47,871	1.943	0.0948