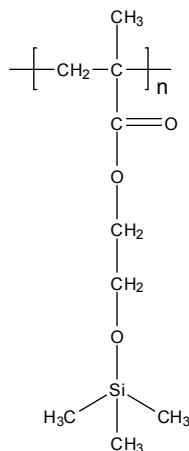


Sample Name: Poly (trimethyl siloxy 2-ethyl methacrylate)

Sample #: P16122B-HEMATMS
(Synthesized by RAFT polymerization of HEMA-TMS monomer)

Structure:



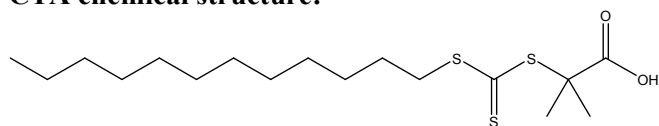
Composition:

Mn x 10 ³	PDI
43.0	1.9

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:



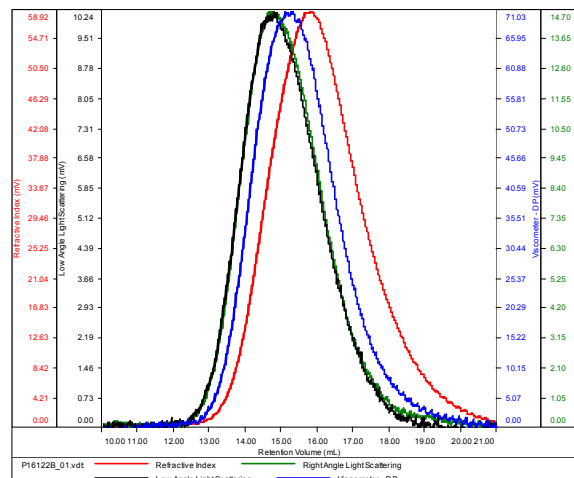
Solubility:

Polymer is soluble in acetone, THF, DMF, etc

SEC of Homopolymer:

P16122B-HEMATMS

Conc (mg/mL)	10.7188
dn/dc (mL/g)	0.0650
Method	PS80k-October292016-0001.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16122B_01.vdt	42,889	81,450	61,532	1.899	0.1998