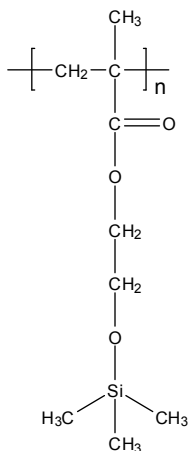


Sample Name:
Poly (trimethyl siloxy 2-ethyl methacrylate)

Sample #: **P16113A-HEMATMS**

Structure:



Composition:

Mn x 10 ³	PDI
231.0	1.66

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization of HEMA-TMS monomer.

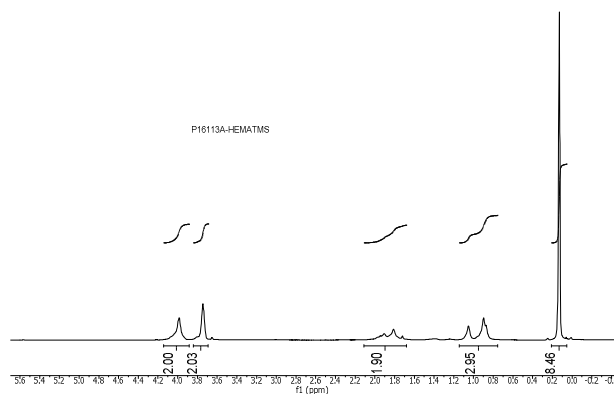
Characterization:

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

Solubility:

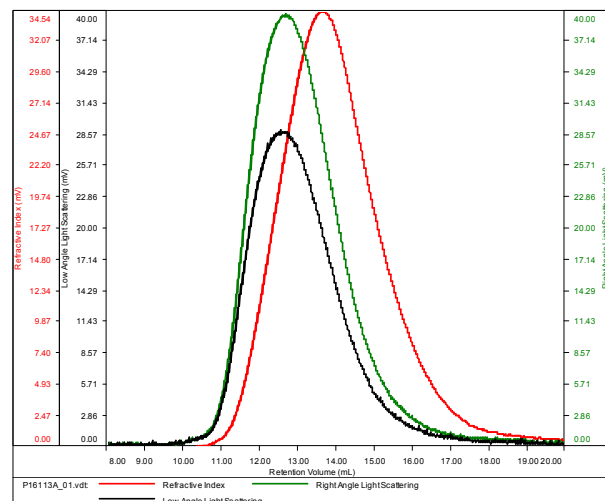
Polymer is soluble in acetone, THF, DMF, etc

¹H NMR Spectrum of Homopolymer:



SEC elugram of Homopolymer:
P16113A

Conc (mg/mL)	9.2037
dn/dc (mL/g)	0.0680
Method	PS80k_December-2016-0004.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16113A_01.vdt	231,127	383,768	303,684	1.660	0.4169