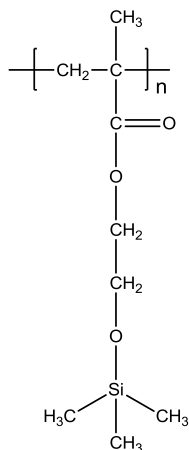


Sample Name: Poly(trimethyl siloxy 2-ethyl methacrylate)

Sample #: P18899A-HEMATMS
(synthesized by GTP polymerization of HEMA-TMS monomer)

Structure:



Composition:

Mn x 10 ³	PDI
5.5	1.2
Microstructure	Isio:hetero:syndio 6:41:53

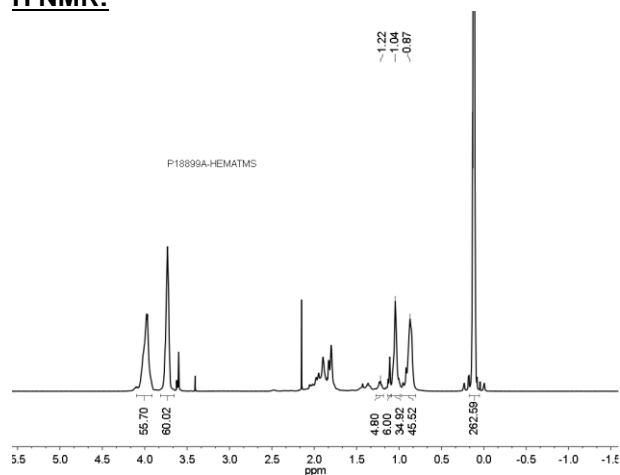
Characterization:

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

Solubility:

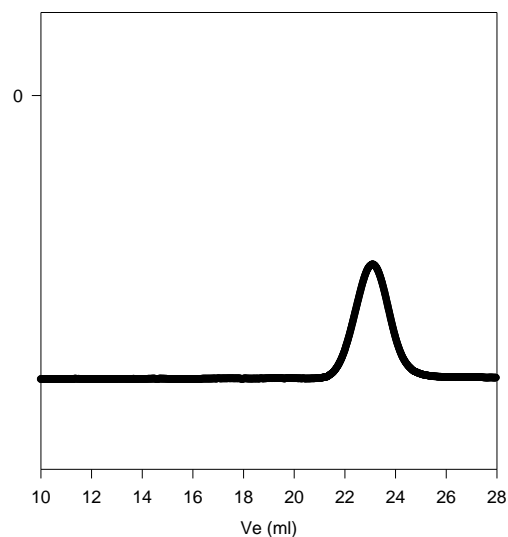
Polymer is soluble in acetone, THF, DMF, etc.

H NMR:



SEC of Homopolymer:

P18899A-HEMATMS



Size exclusion chromatograph of Poly(2-trimethyl siloxylethylmethacrylate):
M_n=5,500, M_w=6,500, PI=1.2