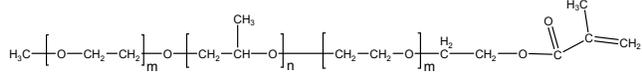


Sample Name:
Methacrylate end Functionalized Poly(ethylene oxide-b-propylene oxide -b- ethylene oxide)
Sample #: P14531-EOPOEOMA

Structure:



Composition:

Mn x 10 ³	PDI
0.440-b-1.3-b-0.3	1.09
Dp: 11-b-22-b-7	

Synthesis Procedure:

Poly(ethylene oxide-b-propylene oxide-b-ethylene oxide) is prepared by living anionic polymerization with sequence addition of monomer EO and propylene oxide. Functionalization was carried out in DCM using methacryloyl chloride.

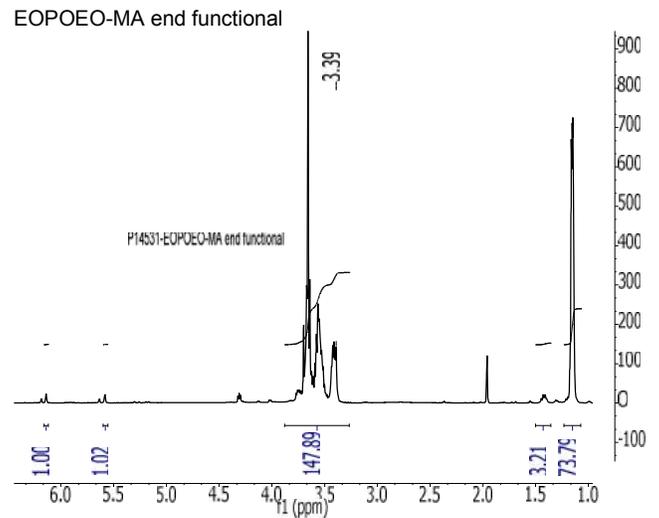
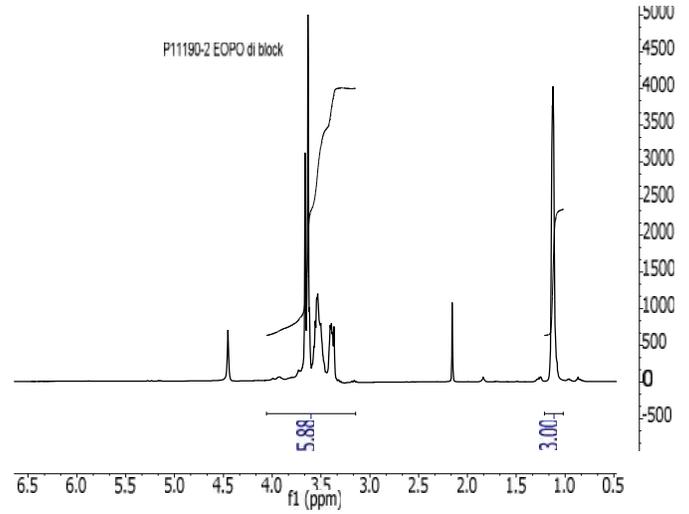
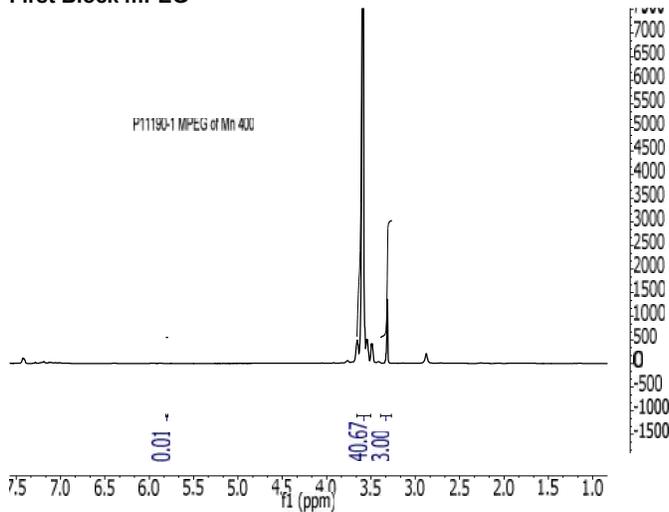
Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

Solubility:

Polymer is soluble in THF, CHCl₃, and toluene.

HNMR of EOPOEO Macromonomer: EOPOEO
First Block mPEG



SEC of Sample:

