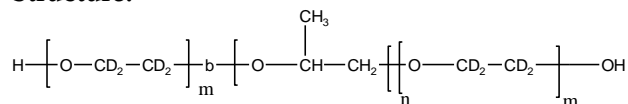


Sample Name:

Poly(deuterated ethylene oxide-b-propylene oxide-b-deuterated ethylene oxide)

Sample # P4126-dPEOdPPOdPEO

Structure:



Composition:

Mn x 10 ³ dPEO-b-PPO-b-dPEO	PDI
3.2-b-2.0-b-3.2	1.1

Synthesis Procedure:

By anionic process using deuterated EO monomer and protonated propylene oxide.

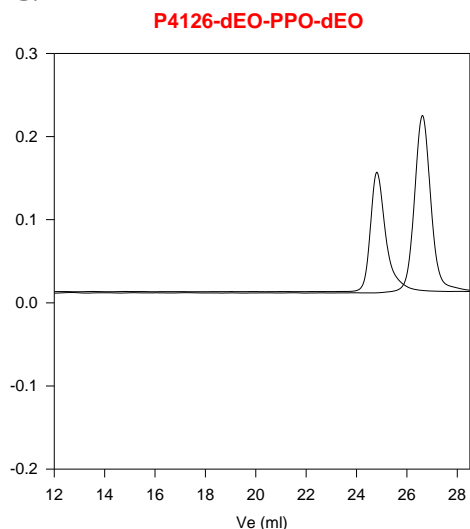
Characterization:

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, Toluene.

SEC:



Size exclusion chromatography of:
(deuterated ethylene oxide d₄-Protonated PO-Deuterated ethylene oxide -d₄)

Triblock copolymer:

Protonate-PO center Block M_n=2,000, M_w=2100, PI=1.11

Block Copolymer dEO(3200)-b-PO(2,000)-b-dEO(3200), PI=1.08
Dp: dEO(68)-b-PO(34)-b-dEO(68)