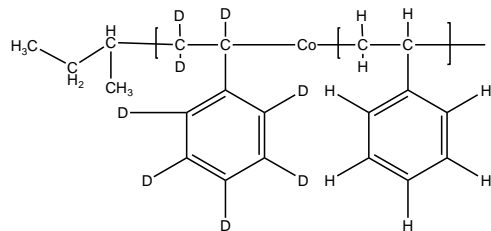


Sample Name: Random Copolymer
Deuterated Poly (Styrene (d8)-co-Styrene)

Sample #: P14251A-dPSSran

Structure:



Composition: dPs : 90 wt%

Mn x 10 ³ dPSS ran	PDI
490.0	1.35

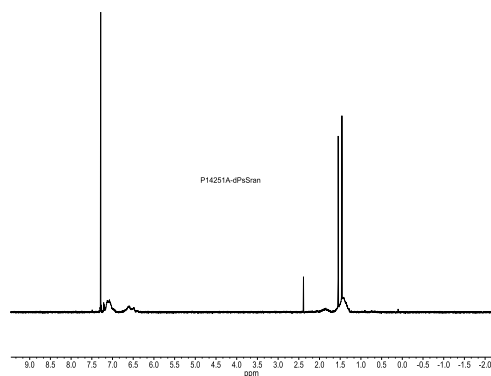
Synthesis:

The polymer was synthesized by anionic polymerization process.

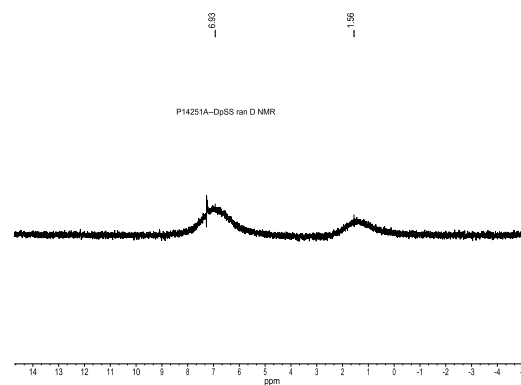
Characterization:

Size exclusion chromatography (SEC): Varian liquid chromatography equipped with light scattering detector and refractive detector (Viscotek model 270) .

¹H NMR spectra (500 MHz, CDCl₃):



²H NMR (500 MHz, CHCl₃)



SEC elugram of d₈PS-S protonate random copolymer:

P14251A-dPSSran

