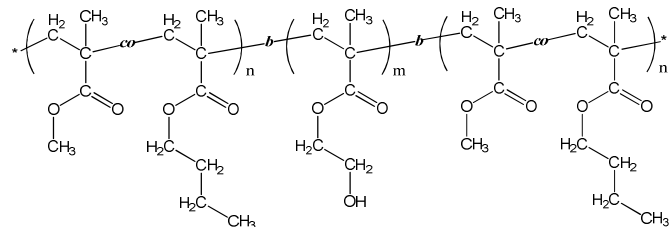


Sample Name: Poly(Methyl methacrylate-co-n-Butyl methacrylate random-b-2-Hydroxy ethyl methacrylate-b-Methyl methacrylate-co-n-Butyl methacrylate random)

Sample #: P19626-MMAnBuMAran-b-HEMA-b-MMAnBuMAran

Structure:



Composition:

Mn × 10 ³	PDI
MMAnBuMAran-b-HEMATMS-b-MMAnBuMAran 19.0-b-147.0-b-47.0	1.7
MMAnBuMAran-b-HEMA-b-MMAnBuMAran 30.0-b-94.0-b-30.0	1.7

MMA:nBuMA (mol%):	46:54
MMA:nBuMA (wt%)	54:64

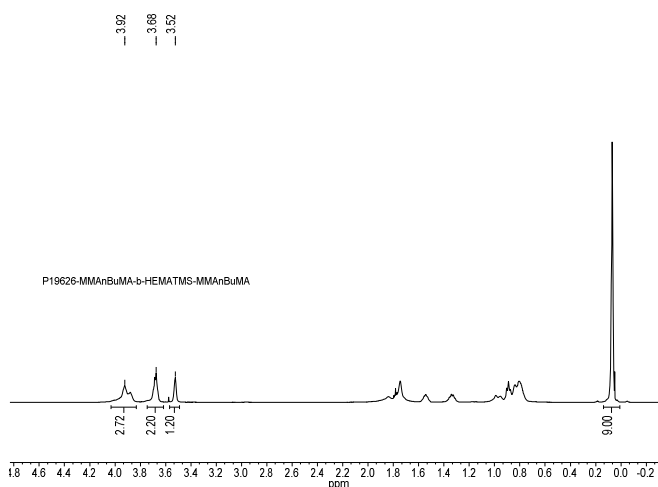
Synthesis Procedure:

The polymer was synthesized by anionic process by sequential addition of monomers. In this lot difunctional initiator was used to polymerized first center block HEMATMS followed by addition of MMAnBuMA mixture of monomers.

Characterization:

The polymer was characterized by ¹H-NMR and size exclusion chromatography (SEC).

¹H-NMR of the MMAnBuMAran-b-HEMATMS-b-MMAnBuMAran tri block:



SEC of the random copolymer:

Sample ID-P19626-HMATMS center block

Concentration (mg/mL)	2.8833
Sample dn/dc (mL/g)	0.0940
Method File	PS80K-Jan-2016-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF

