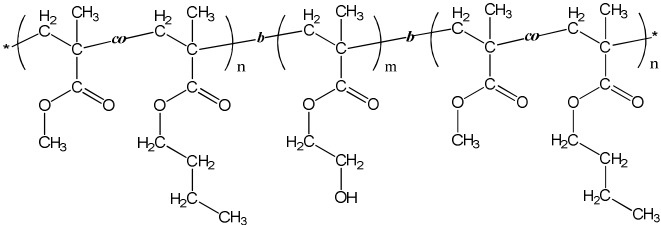


Sample Name: Poly (Methyl methacrylate-co-n-Butyl methacrylate random-b-2-Hydroxy ethyl methacrylate-b-Methyl methacrylate-co-n-Butyl methacrylate random)

Sample #: P40391A-MMAAnBuMAran-b-HEMA-b-MMAAnBuMAran

Structure:



Composition:

Mn × 10 ³	PDI
MMAAnBuMAran-b-HEMATMS-b- MMAAnBuMAran 10.0-b-84.0-b-10.0	1.4
MMAAnBuMAran-b-HEMA-b- MMAAnBuMAran 10.0-b-54.0b-10.0	

MMA:nBuMA (mol%):	52:48
MMA:nBuMA (wt%):	58:42

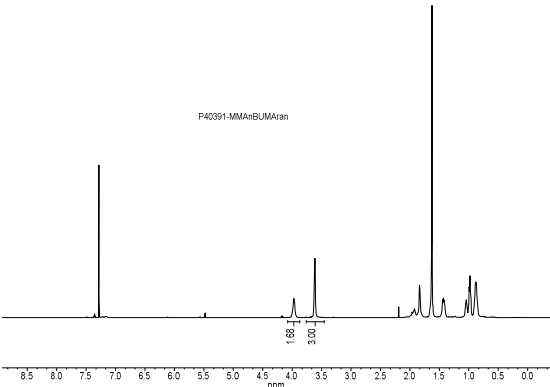
Synthesis Procedure:

The polymer was synthesized by anionic process by sequential addition of monomers.

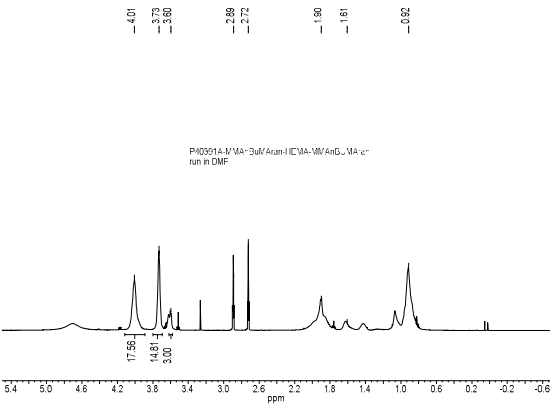
Characterization:

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

¹H NMR of the First Block

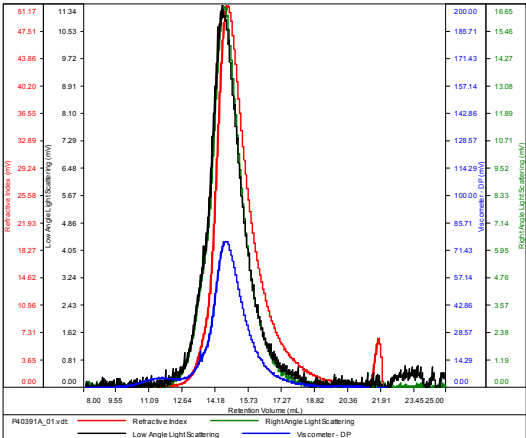


¹H-NMR of the MMAAnBuMAran-b-HEMA-b-MMAAnBuMAran tri block:



SEC of the triblock copolymer:
MMA-nBuMAran-HEMA-MMAAnBuMAran
P40391A-MMAAnBuMA-HEMA-MMAAnBuMAran

Conc (mg/mL)	8.7246
dn/dc (mL/g)	0.0690
Method	PS80k, December-2016-0004.vcm
Solvent	DMF w/0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P40391A_01.xdt	74,147	103,213	101,797	1.392	0.1732