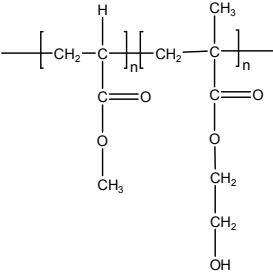


Sample Name: Poly (methyl acrylate–b–2-Hydroxy ethyl methacrylate)

Sample #: P16114B–MAHEMA

Structure:

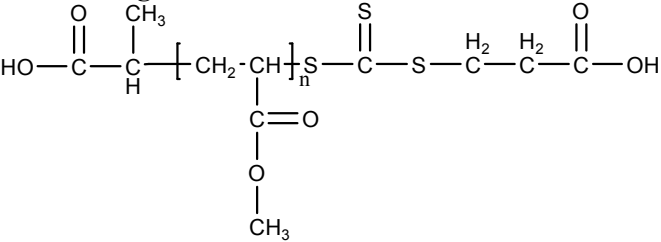


Composition:

$M_n \times 10^3$ MA–b–HEMA	PDI
15.0-b-95.0	2.0

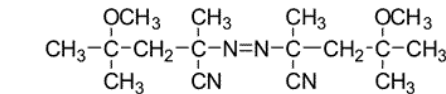
Synthesis Procedure: The polymer was synthesized by RAFT polymerization process followed by addition of HEMATMS monomer.

RAFT Reagents:

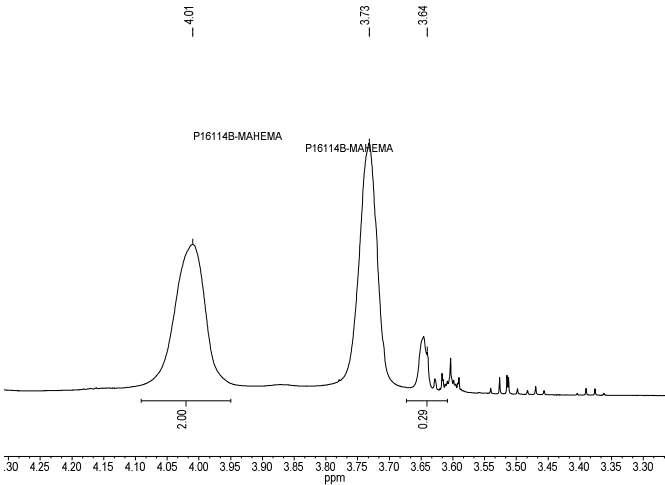
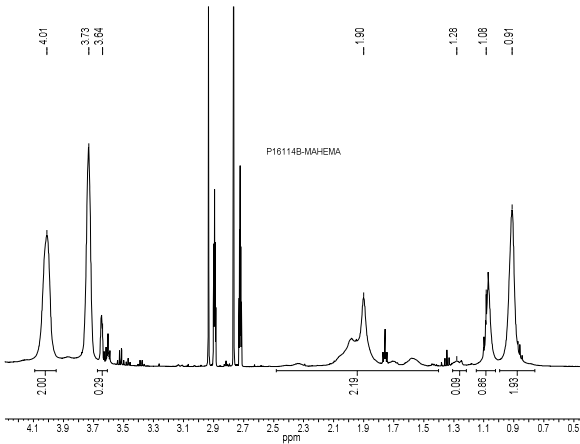


V70 catalyst:

2, 2'-Azobis (4-methoxy-2, 4-dimethylvaleronitrile)

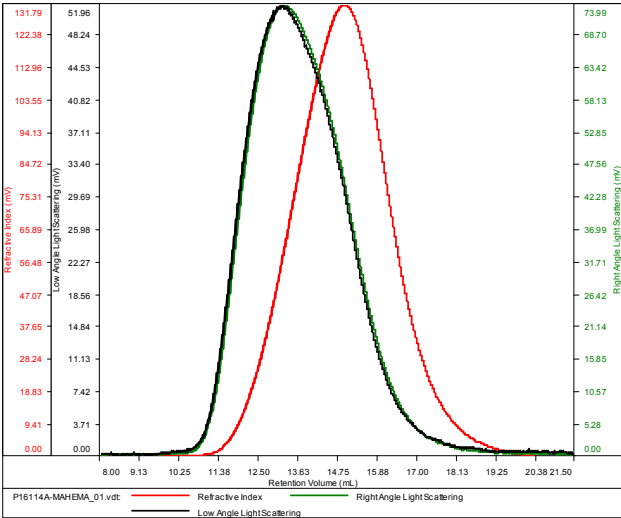


HNMR of the MA-b-HEMA run in d7 DMF



SEC of the block copolymer:

Conc (mg/mL)	39.8023
dn/dc (mL/g)	0.0650
Method	PS80k_December-2016-0004.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16114A-MAHEMA_01.vdt	109,917	218,763	126,797	1.990	0.1795