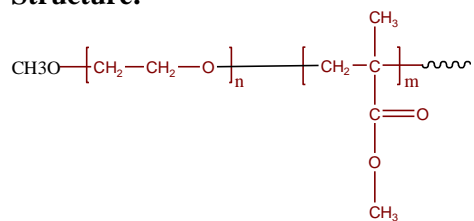


Sample Name:

Poly (ethylene oxide-b-methylmethacrylate)

Sample #: P3033-EOMMA

Structure:

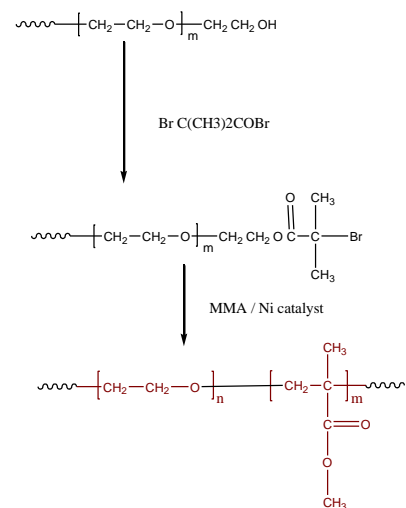


Composition:

Mn x 10 ³ PEO-b-MMA	PDI
5.0-b-15.0	1.35

Synthesis Procedure:

Poly(ethylene oxide-b-methylmethacrylate) is prepared as the scheme below:



Characterization:

Molecular weights of the first block and the Mw/Mn of the final and the first block was determined by SEC in THF.

Solubility:

Poly(ethylene oxide -b- MMA) is soluble in CHCl₃, THF, toluene. The polymer precipitated out from hexane.

SEC of the block copolymer:

P3033-EOMMA

