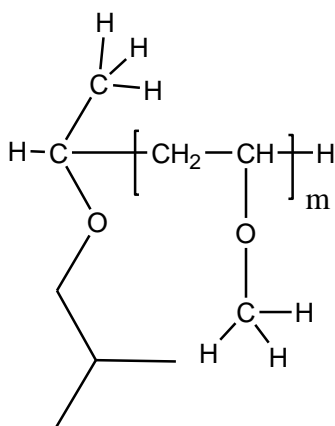


Sample Name: Poly(methyl vinyl ether)

Sample #: P16254D-MVE

Structure:



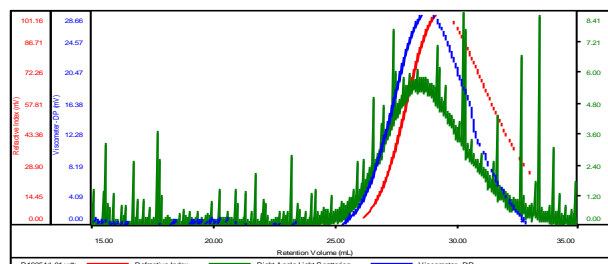
Composition:

$M_n \times 10^3$	PDI
7.5	1.35

SEC elugram of the homopolymer:

P16254D-MVE

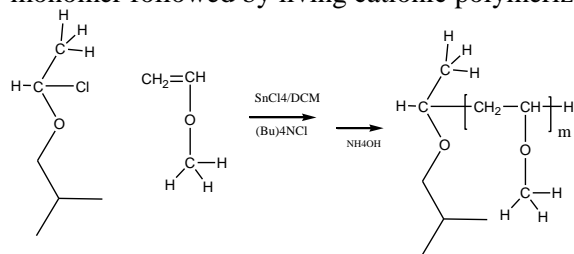
Concentration (mg/mL)	41.9739
Sample dn/dc (mL/g)	0.0670
Method File	PS80K-august2017-0001.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	M_n (Da)	M_w (Da)	M_w/M_n	IV (dL/g)	M_p (Da)
P16254d_01.vdt	7,588	10,420	1.373	0.0761	9,220

Synthesis Procedure:

Poly(methyl vinyl ether) is obtained by synthesis of the monomer followed by living cationic polymerization.



Characterization:

The product was characterized by size exclusion chromatography (SEC).