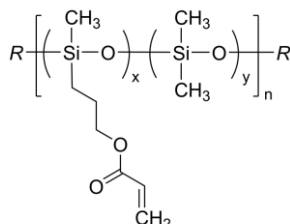


Sample Name: Poly(acryloxypropylmethylsiloxane-co-dimethylsiloxane), random

Sample #: P41947-AcPrMSDMSran

Structure:



Composition:

Mn x 10 ³	PDI
6.5	1.4

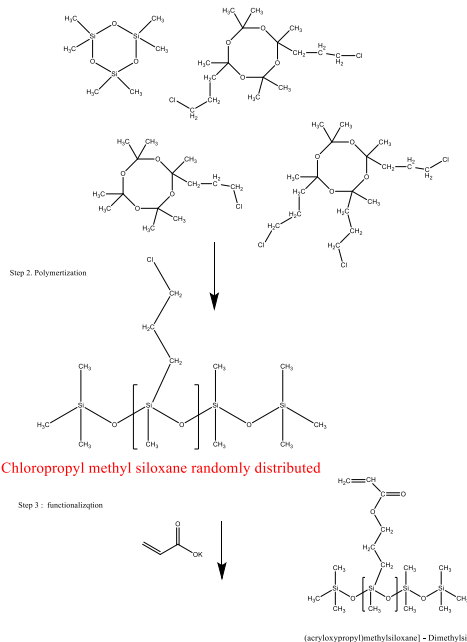
# of AcPrMS units	14 per 100 units of PDMS
Ratio of DMS: AcPrMS	6:1

Synthesis Procedure:

The polymer was synthesized by Cationic polymerization process using trifluorosulfonic acid using following 2 cyclic siloxane monomers mixture:

Three steps process to get random copolymer

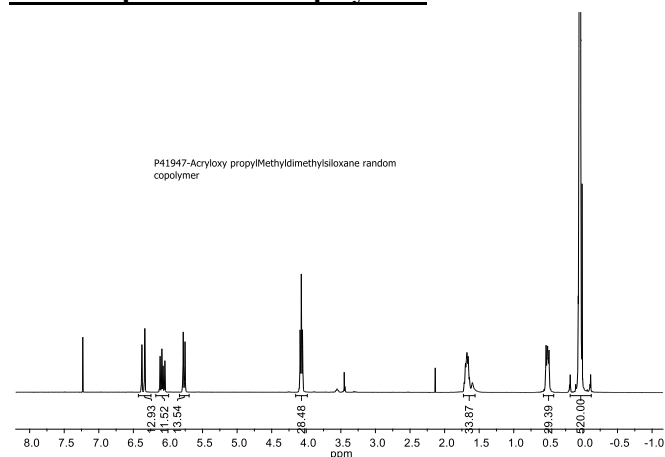
Synthesis of Cyclics of the following architecture and mixe them and to perform cationic process. End capping using TMS-(ET)3N or HMDS



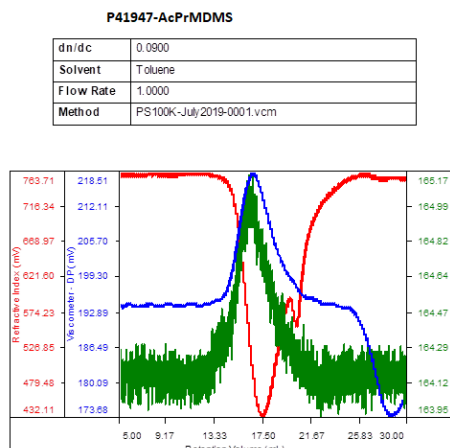
Characterization:

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

HNMR spectrum of the polymer:



SEC elugram of the Sample:



Sample	Mn	Mw	IV	Mw/Mn
P41947-AcPrMDMS	6,567	12,231	0.1009	1.862