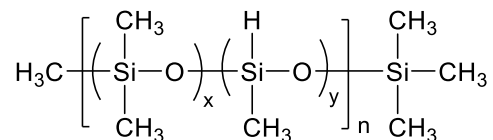


Sample Name: Poly (dimethyl siloxane-co-methyl siloxane), random copolymer

Sample #: P41865-DMSMeSiHran

Structure:



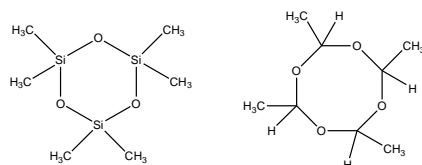
Composition:

Mn x 10 ³	PDI
3.0	1.9

# of APMS units	20
Ratio of DMS:MeSiH	10:1

Synthesis Procedure:

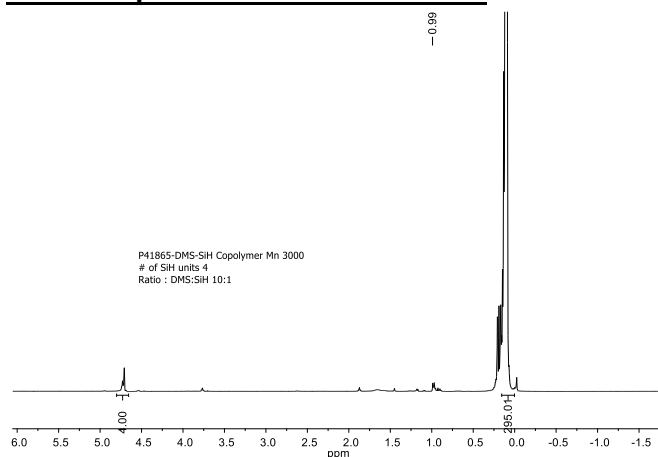
The polymer was synthesized by Cationic process using trifluorosulfonic acid using following 2 cyclic siloxane monomers mixture:



Characterization:

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

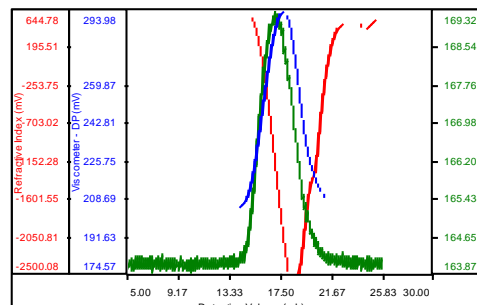
¹H NMR spectrum of DMSMeSiHran:



SEC elugram of DMSMeSiH Sample:

P41865-DMS-SiH Copolymer SiH 12%

dn/dc	0.0900
Solvent	Toluene
Flow Rate	1.0000
Method	PS100K-July2019-0001.vcm



Sample	Mn	Mw	Mz	IV	Mw/Mn
2019-07-14_21:12:01_P41865-DMS-SiH	2,665	5,323	12,298	0.0411	1.997