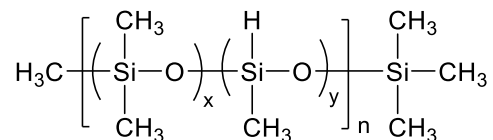


Sample Name: Poly (dimethyl siloxane-co-methyl siloxane), random copolymer

Sample #: P41830-DMSMeSiHran

Structure:



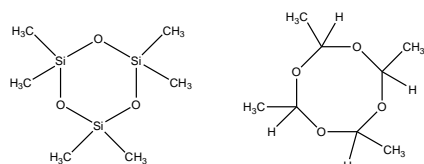
Composition:

Mn x 10 ³	PDI
8.0	1.18

Ratio of DMS:MeSiH	10:0.4
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Synthesis Procedure:

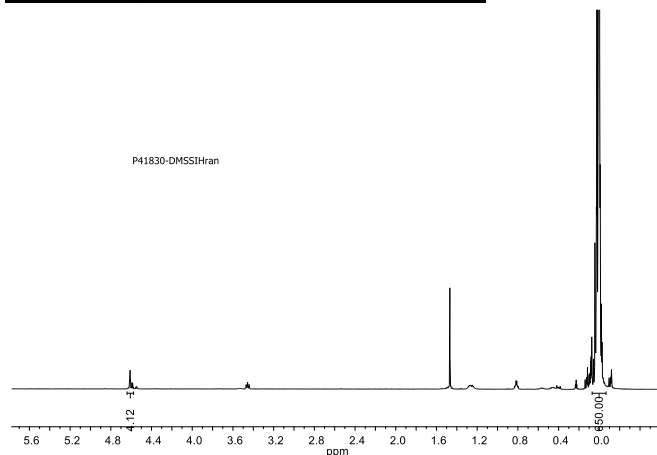
The polymer was synthesized by Cationic process using trifluorosulfonic acid using following 2 cyclic siloxane monomers mixture:



Characterization:

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

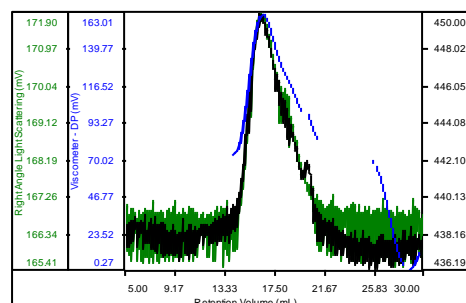
¹H NMR spectrum of DMSMeSiHran:



SEC elugram of DMSMeSiH Sample:

P41830-DMSMeSiH copolymer

dn/dc	0.1100
Solvent	Toluene
Flow Rate	1.0000
Method	PS100K-08302019-0000.vcm



Sample	Mn	Mw	Mz	IV	Mw/Mn
2019-09-03_19:04:05_P41830_01.vdt	7,808	9,203	12,555	0.0671	1.179