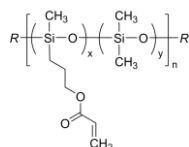


Sample Name:

**Poly(acryloxypropylmethylsiloxane-co-dimethylsiloxane), random**

Sample #: **P43681-AcPrMSDMSran**

**Structure:**



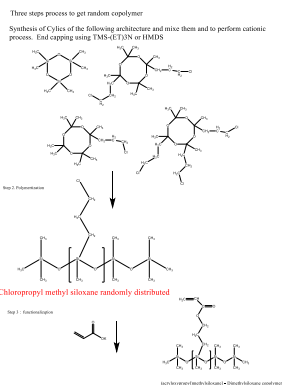
**Composition:**

Mn x 10 <sup>3</sup>	PDI
7.5	1.4

# of AcPrMS units	10 per 100 units of PDMS
Ratio of DMS: AcPrMS	9:1

**Synthesis Procedure:**

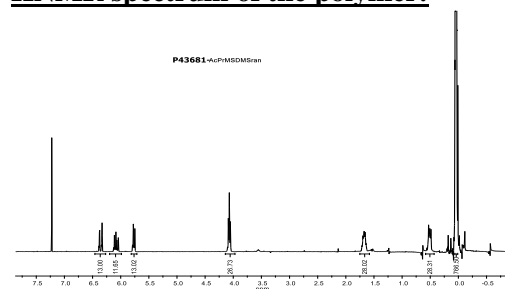
The polymer was synthesized by Cationic polymerization process using trifluorosulfonic acid using following 2 cyclic siloxane monomers mixture:



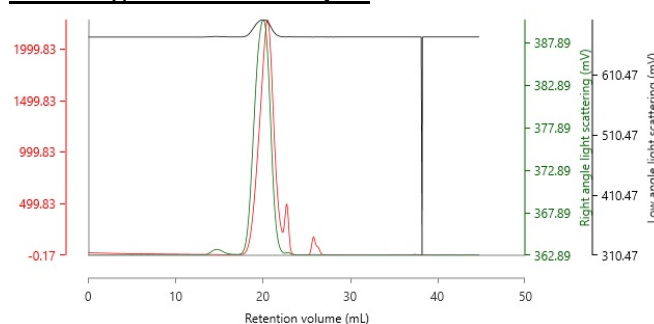
**Characterization:**

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

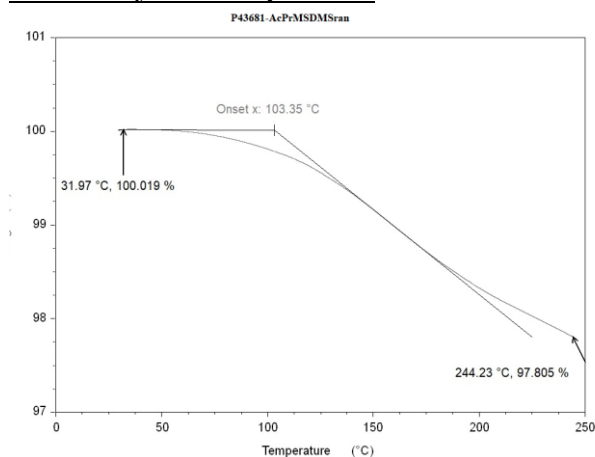
**HNMR spectrum of the polymer:**



**SEC elugram of the Sample:**



**TGA analysis of the product:**



**After drying for 1h at 80 °C**

