

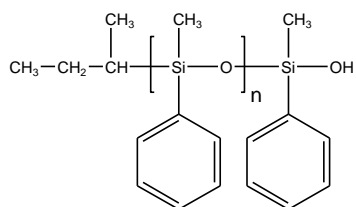
Sample Name: Poly(phenyl methyl siloxane)

SEC of Homopolymer:

P8367-PMS

Sample #: P8367-PMS

Structure:

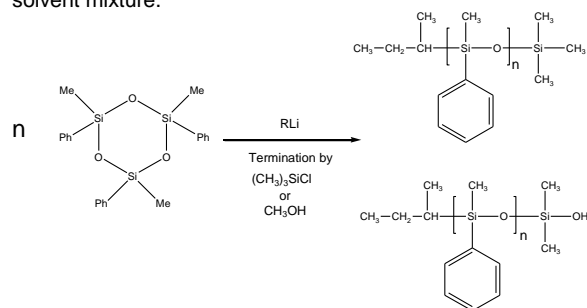


Composition:

$M_n \times 10^3$	PDI
1.8	1.4

Synthesis Procedure:

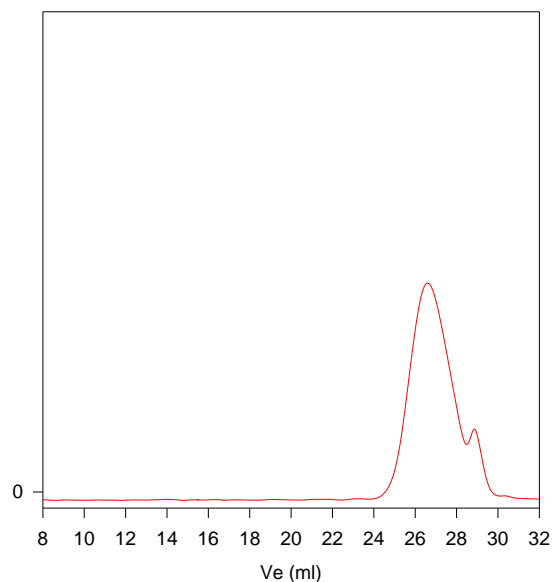
The polymerization of the cyclic trimer (1,3,5-trimethyl-1,3,5-triphenyl cyclotrisiloxane-D3) was initiated with a monofunctional lithium based initiator in a polar / non-polar solvent mixture.



Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

Solubility: Soluble in THF, toluene.



Size Exclusion Chromatography of Poly(phenyl methyl siloxane)

$M_n=1800$, $M_w=2530$, $PI=1.4$