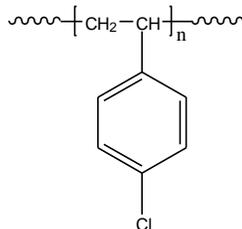


Sample Name: Poly(4-chloro styrene)

Sample #: P43468-4CIS

Structure:



Composition:

$M_n \times 10^3$	PDI
22.0	6.0

Synthesis Procedure:

Poly(4-chloro styrene) is synthesized by anionic polymerization process. Monomer dilution with 30:100 by Toluene

Additive LiCl; α -MeS; SecBuLi system LiCl/I= 5 molar ratio dilution of Monomer

Characterization:

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

Solubility:

Poly(4-chloro styrene) is soluble in DMF, THF, toluene and $CHCl_3$. It precipitates from methanol, ethanol, water, and hexanes.

SEC elugram of Homopolymer:

