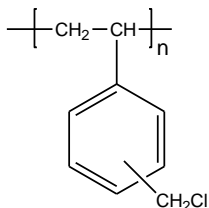


Sample Name: Poly (vinyl benzyl chloride)
90% para isomer

Sample #: P42923-VBC

Structure :

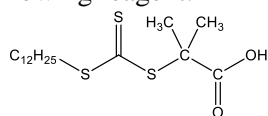


Composition :

Mn x 10 ³	PDI
8.0	1.11

Synthesis Procedure:

Poly (vinyl benzyl chloride) is obtained by RAFT process using following reagent:



Chemical Formula: $C_{17}H_{32}O_2S_3$
Molecular Weight: 364.6

Characterization:

The molecular weight and polydispersity index (PDI) of Poly (vinyl benzyl chloride) are obtained by size exclusion chromatography.

Solubility:

Polymer is soluble in DMF, THF, toluene and $CHCl_3$. It precipitates from methanol, ethanol, water and hexanes.

SEC of homopolymer:

