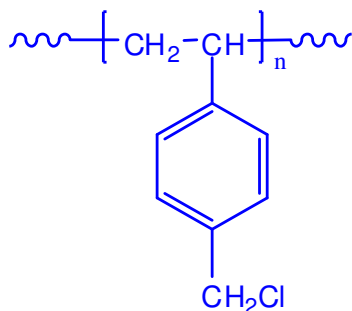


Sample Name: Poly(4-vinyl benzyl chloride)

Sample # P18404C-VBC

Structure:



Composition:

$M_n \times 10^3$	PDI
60.0	1.9

Synthesis Procedure:

Poly(vinyl benzyl chloride) was obtained by controlled radical polymerization of 4-vinyl benzyl chloride (over 90%).

Characterization:

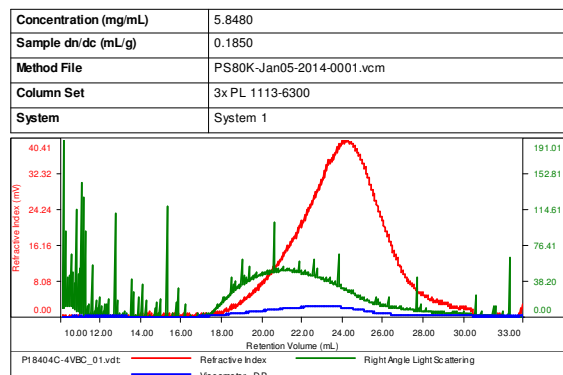
The molecular weight and polydispersity index (PDI) of poly(vinyl benzyl chloride) were obtained by size exclusion chromatography (SEC).

Solubility:

The polymer is soluble in DMF, THF, toluene, and chloroform. It precipitates from methanol, ethanol, water, and hexane.

SEC elugram:

Sample ID: P18404C-4VBZ



Sample	M_n	M_w	M_p	M_w/M_n	IV
P18404C-4VBC_01.vdt	60,152	111,730	46,044	1.857	0.2131

