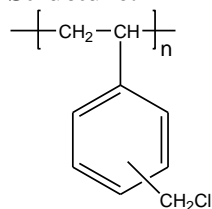


Sample Name: **Poly (vinyl benzyl chloride)**
Para isomer > 90%

Sample #: **P16161-VBC**

Structure:



Composition:

$M_n \times 10^3$	PDI
12.5	1.25

Synthesis Procedure:

Poly (vinyl benzyl chloride) is obtained by RAFT polymerization process.

Characterization:

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

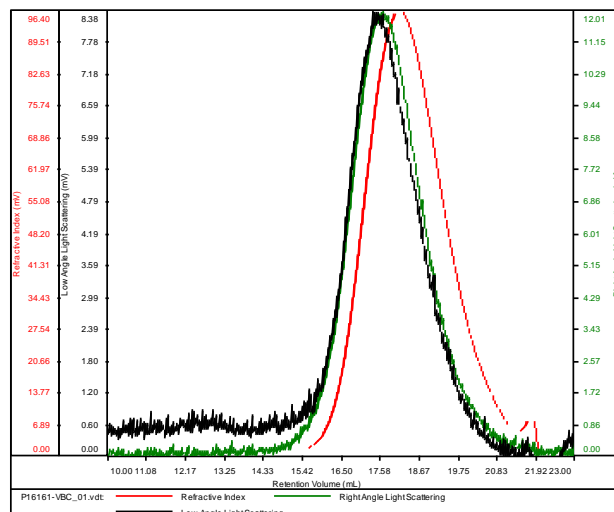
Solubility:

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

SEC elugram of homopolymer:

P16161-VBC

Conc	9.3687
dn/dc	0.1650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k_December-2016-0004.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P16161-VBC_01.vdt	12,682	15,608	14,605	1.231	0.0392