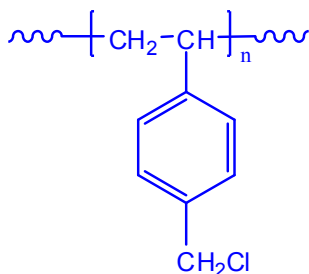


Sample Name: Poly (4-vinyl benzyl chloride)  
**90% para isomer**

Sample #: P6426-VBC

**Structure:**



**Composition:**

$M_n \times 10^3$	PDI
83.0	2.88

**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 obtained by size exclusion chromatography.

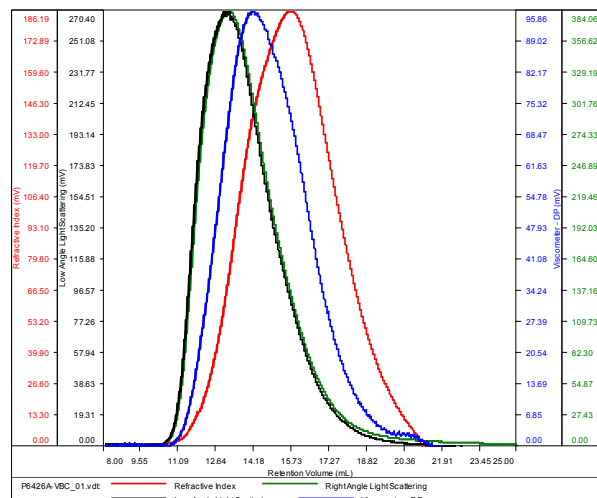
**Solubility:**

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

**SEC of Homopolymer:**

**P6426-VBC**

Conc (mg/mL)	31.3908
dn/dc (mL/g)	0.1650
Method	PS80k_December-2016-0004.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	$M_n$	$M_w$	$M_p$	$M_w/M_n$	IV
P6426A-VBC_01.vcl	82,920	239,554	106,336	2.889	0.1381