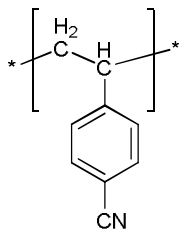


Sample Name: Poly(4-cyano styrene)

Sample #: P19636-4CNS

Structure:



Composition:

Mn x 10 ³	PDI
20.5	1.48

Synthesis Procedure: by anionic polymerization

Characterization:

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

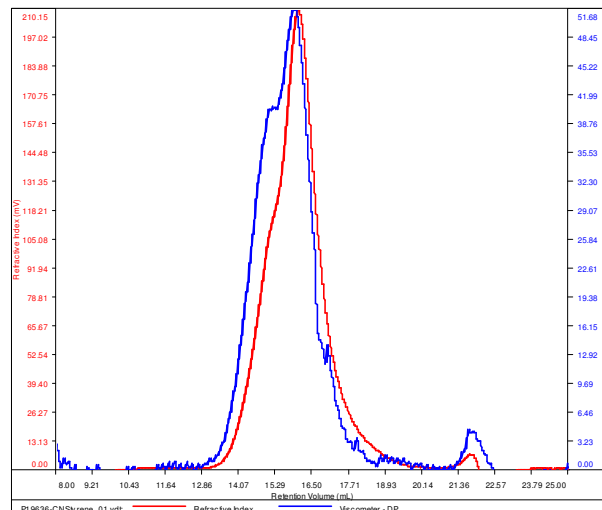
Solubility:

Polymer is soluble in DMF, and insoluble in THF, toluene and CHCl₃. It precipitates from methanol, ethanol, water and hexanes.

SEC of Homopolymer:

SAMPLE ID: P19636-4CNS

Conc (mg/mL)	2.7544
dn/dc (mL/g)	0.1500
Method	ps80k-Dec2015-DMAc-0000.vcm
Solvent	DMF w 0.03M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P19636-CNStyrene_01.vdt	20,429	30,175	21,465	1.477	0.3767