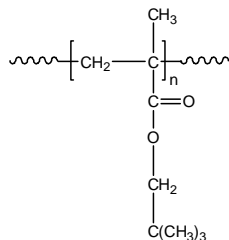


Sample Name: Poly(neopentyl methacrylate)

Sample #: P18920V-NPMA

Structure:

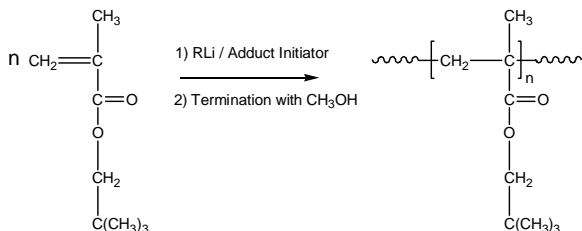


Composition:

Mn x 10 ³	Mw/Mn
170	1.90

Synthesis Procedure:

Poly(neopentyl methacrylate) was obtained by living anionic polymerization of neopentyl methacrylate. The reaction scheme used for the polymer synthesis is shown below:



Characterization:

The molecular weight and polydispersity index (Mw/Mn) of poly(neopentyl methacrylate) were obtained by size exclusion chromatography (SEC).

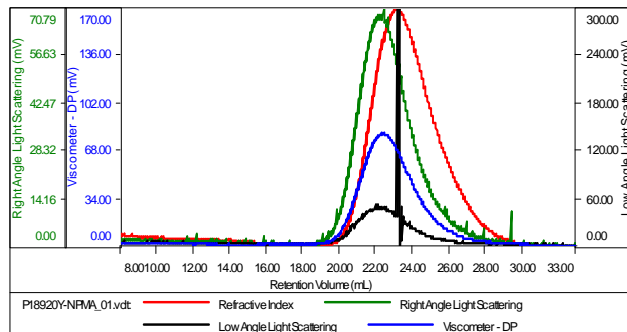
Solubility:

Poly(neopentyl methacrylate) is soluble in THF, CHCl₃, toluene and dioxane. The polymer precipitates from hexanes, methanol and ethanol.

SEC elugram:

Sample ID: P18920V-NPMA

Concentration (mg/mL)	15.6178
Sample dn/dc (mL/g)	0.0850
Method File	PS80K-NDV-2014-0003.vcm
Column Set	3x PL 11136300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P18920V-NPMA_01.vdt	170,443	283,879	249,233	1.666	0.3765