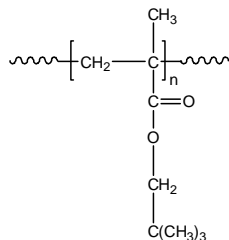


Sample Name: Poly(neopentyl methacrylate)

Sample #: P18920E-NPMA

Structure:

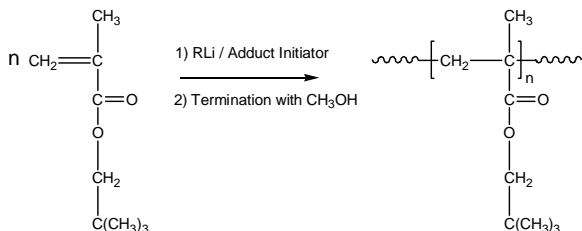


Composition:

Mn x 10 ³	Mw/Mn
13.5	1.8

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).

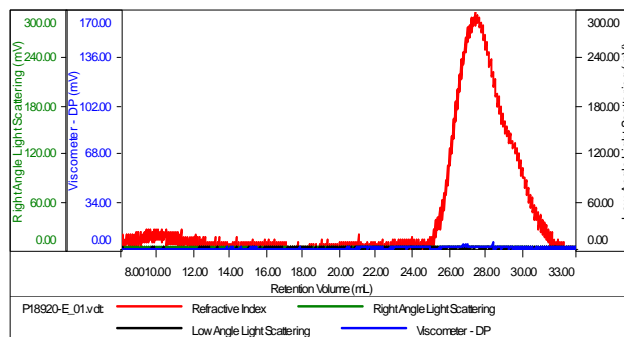
Solubility:

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

SEC elugram:

Sample ID: P18920E-NPMA

Concentration (mg/mL)	0.9984
Sample dn/dc (mL/g)	0.0850
Method File	PS80K-1028-2014-0000.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)
P18920E_01.vdt	13,598	24,119	22,055	1.774	0.0850