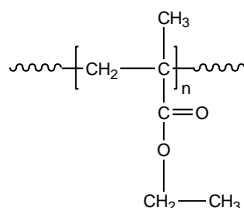


Sample Name: Poly(ethyl methacrylate)

Sample #: P18678-EMA

Structure: Prepared by GTP Process



Composition:

$M_n \times 10^3$	PDI
17.0	1.15
T_g	62°C
Microstructure I:H:S	5:40:55

Synthesis Procedure:

Poly(ethyl methacrylate) is obtained by living anionic polymerization or by GTP process.

Characterization:

The molecular weight and polydispersity index (PDI) of Poly(ethyl methacrylate) are obtained by size exclusion chromatography.

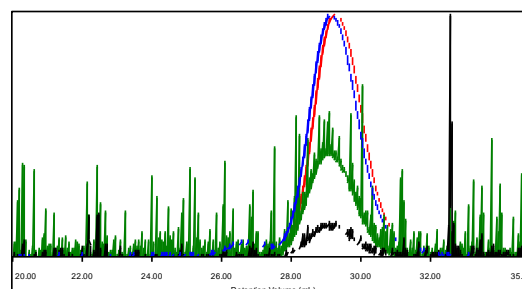
Solubility:

Poly(ethyl methacrylate) is soluble in THF, CHCl_3 , toluene and dioxane. The polymer precipitates from cold methanol and ethanol.

SEC of Homopolymer:

Sample ID: P18678-EtMA

Concentration (mg/mL)	16.6709
Sample dn/dc (mL/g)	0.0850
Method File	PS80K-Apr15-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	M_n	M_w	M_p	M_w/M_n	IV
P18658-ETMA_01.vdt	17,078	19,664	19,634	1.151	0.0686

DSC thermogram for the polymer:

