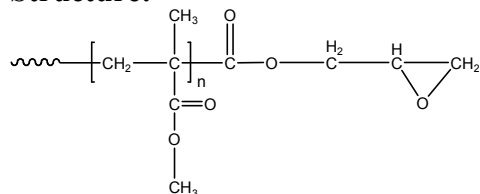


Sample Name:**Epoxy Terminated Poly(methyl methacrylate)****Sample #:** P10472-MMAEpoxy**Structure:****Composition:**

Mn x 10 ³	PDI
25.0	1.18
Epoxy functionality	>98%
T _g for the functionalized polymer	130°C

Synthesis Procedure:

Epoxy terminated poly(methyl methacrylate) was prepared by anionic living polymerization of methyl methacrylate in THF. Proprietary procedure.

Characterization:

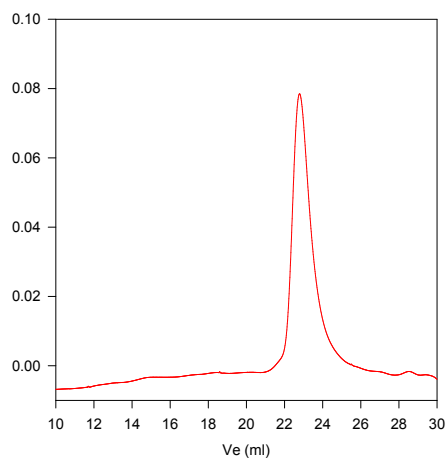
The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

Thermal analysis:

Thermal analysis of the samples was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10°C/min. The inflection glass transition temperature (T_g) has been considered.

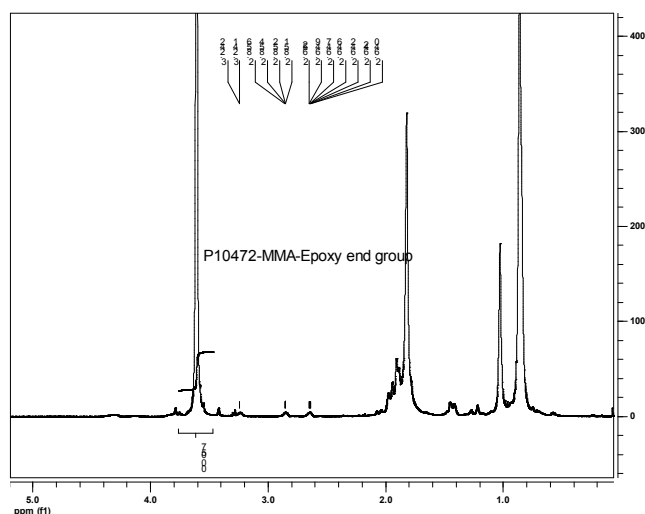
Solubility:

The polymer is soluble in THF, toluene, chloroform and acetone.

SEC of Sample:**P10472-MMA-Epoxy**

Size exclusion chromatography of Epoxy terminated poly(methyl methacrylate)

M_n=25,000, M_w=29,500, PI=1.18, functionality>0.98%

¹H NMR of the Polymer:**DSC thermogram for the sample:**