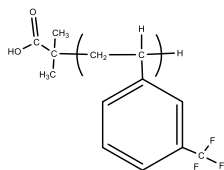


Sample Name:
Poly(3-Trifluoromethyl styrene)

Sample #: **P44291A-3FMeS**

Structure:



Composition:

$M_n \times 10^3$	PDI
14.0	1.10
T_g (°C)	64°

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process. the RAFT moiety removed by Free radical process.

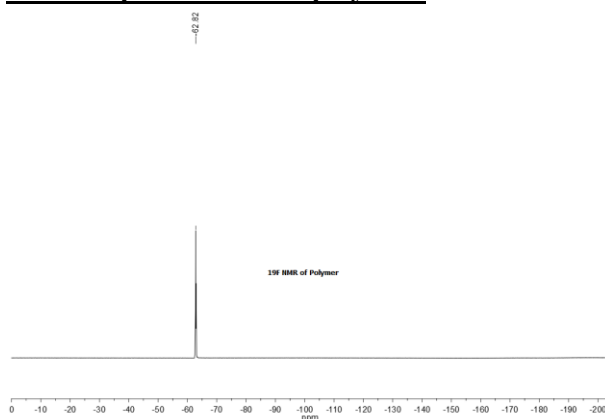
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ^1H NMR, F-NMR and DSC data analysis.

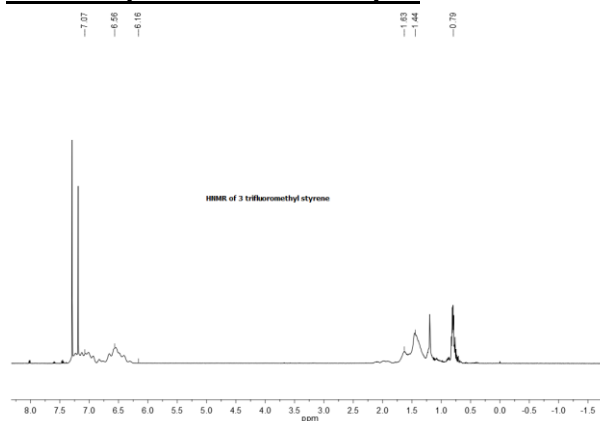
Solubility:

Polymer is soluble in THF, toluene and CHCl_3 . It precipitates from methanol/ H_2O , water.

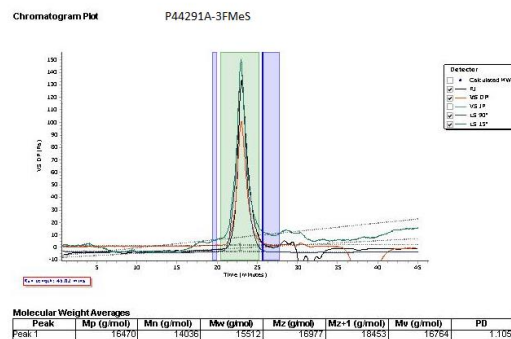
F NMR spectrum of the polymer:



^1H NMR spectrum of the Sample:



SEC elugram of Homopolymer:



DSC thermogram (2nd heating scan, 10°C/min):

Sample: P44291

