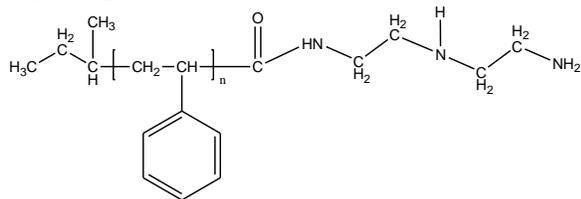


Sample Name:

Diethylene Triamine Terminated Polystyrene

Sample #: P18083B-SDTA

Structure:



Composition:

$M_n \times 10^3$	PDI
3.0	1.13
Functionality %	98

Synthesis Procedure:

By anionic polymerization.

Characterization:

The molecular weight and polydispersity index of this polymer were determined before addition of the CO_2H function, by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector. Polymer functionality was determined by titration with NaOH using phenolphthalein as the indicator.

Solubility: Polymer is soluble in toluene, THF, $CHCl_3$ and can be precipitated in water and cold methanol.

