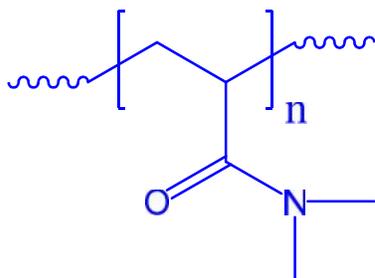


Sample Name:
Poly(N,N-dimethylacrylamide)

Sample #: P6561F1-DMA

Structure:

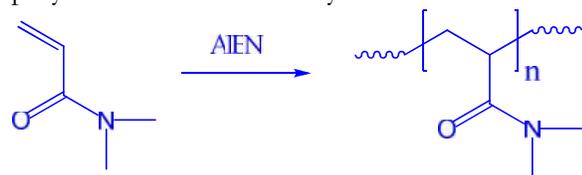


Composition:

| | |
|-------------------|------|
| $M_n \times 10^3$ | PDI |
| 235.2 | 2.25 |

Synthesis Procedure:

The polymer is synthesized by free-radical polymerization initiated by AIBN.



Characterization:

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography in DMF

Solubility: Polymer is soluble in methanol, ethanol and water, precipitated in hexane.

SEC of Homopolymer:

