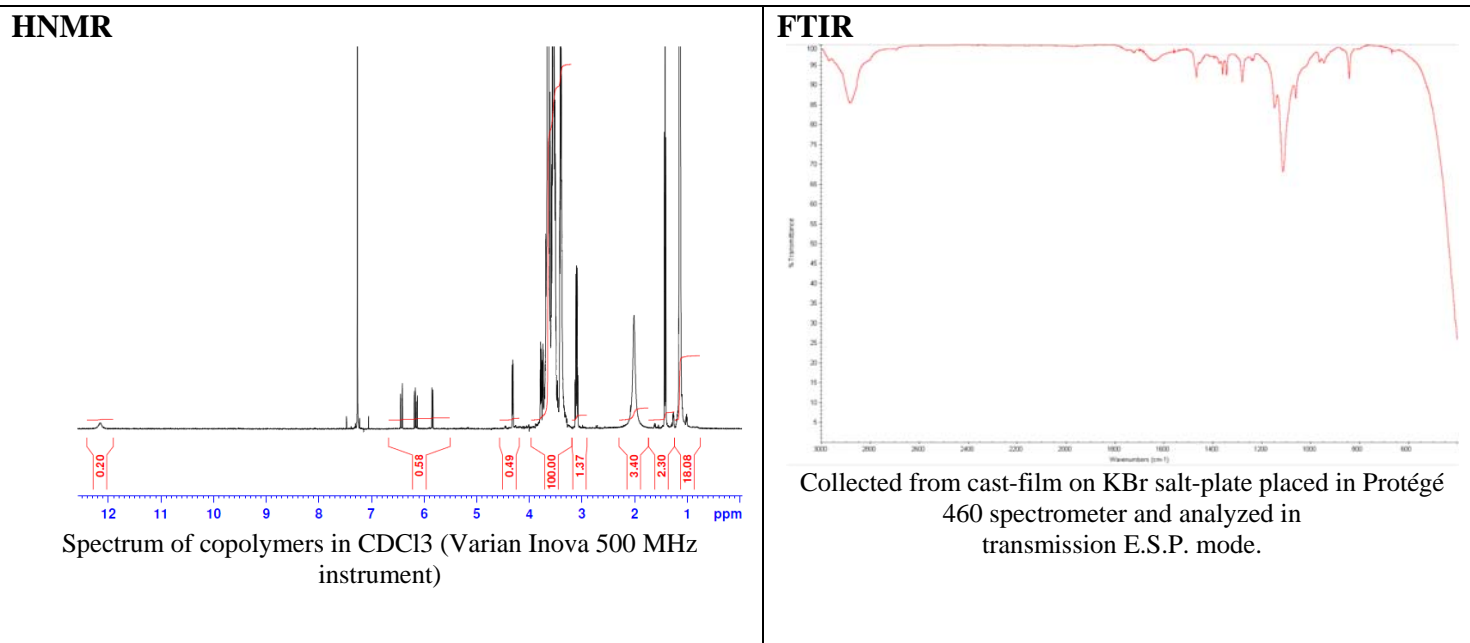
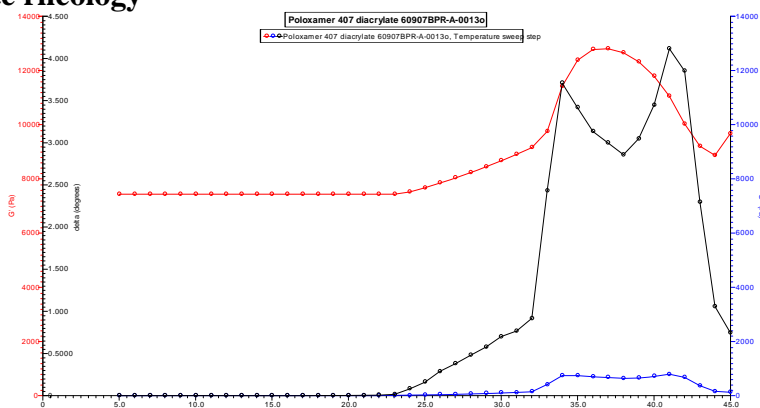


NO. AI146 Certificate of Analysis

Product Name: Poloxamer 407 diacrylate endcap (Lot#: 60907BPR-A)



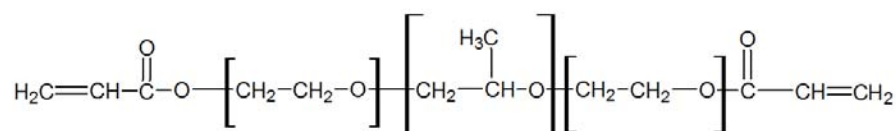
Poloxamer 407 diacrylate rheology



Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on 20% w/v polymer in water dissolved over several days with stirring at 4°C. Viscosity of solution at 0.1 (sec⁻¹) and 5°C was measured (1minute peak hold 5 second test intervals). Rheology performed by oscillating at constant 6.283 rad/s, 0.1% strain, in increments of 1°C ranging from 5-45°C with 2 minutes of temperature equilibration at each point.

Viscosity 20% w/v solution at 5°C	0.3199 Pa.s
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- **Structure of Poloxamer 407 diacrylate**



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