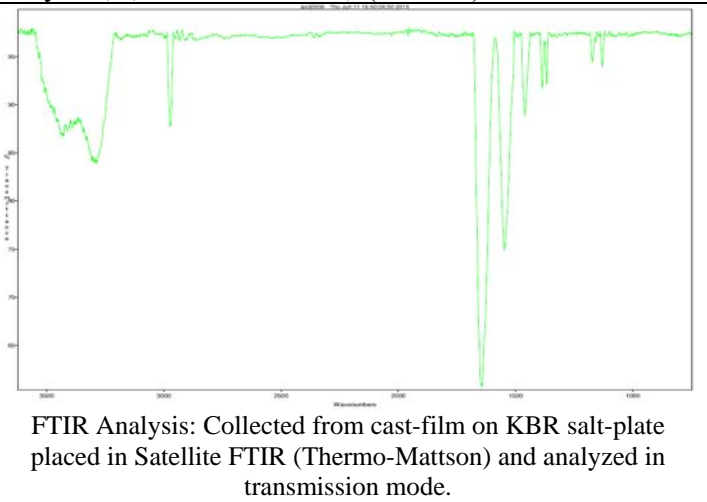
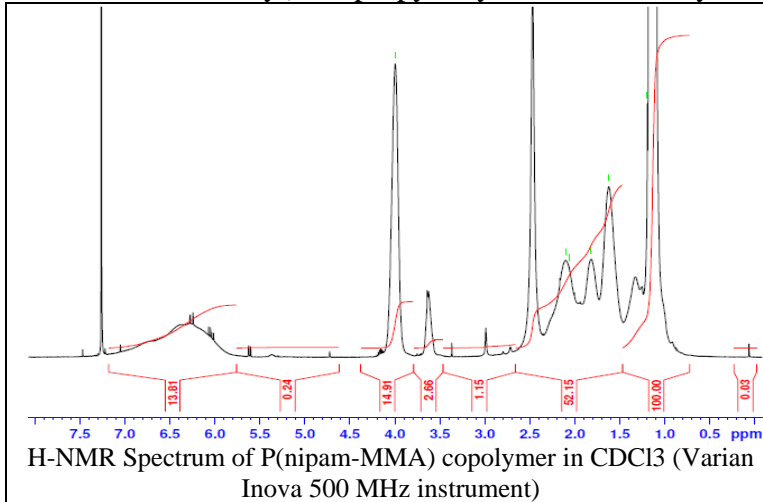


No. AO32 Certificate of Analysis

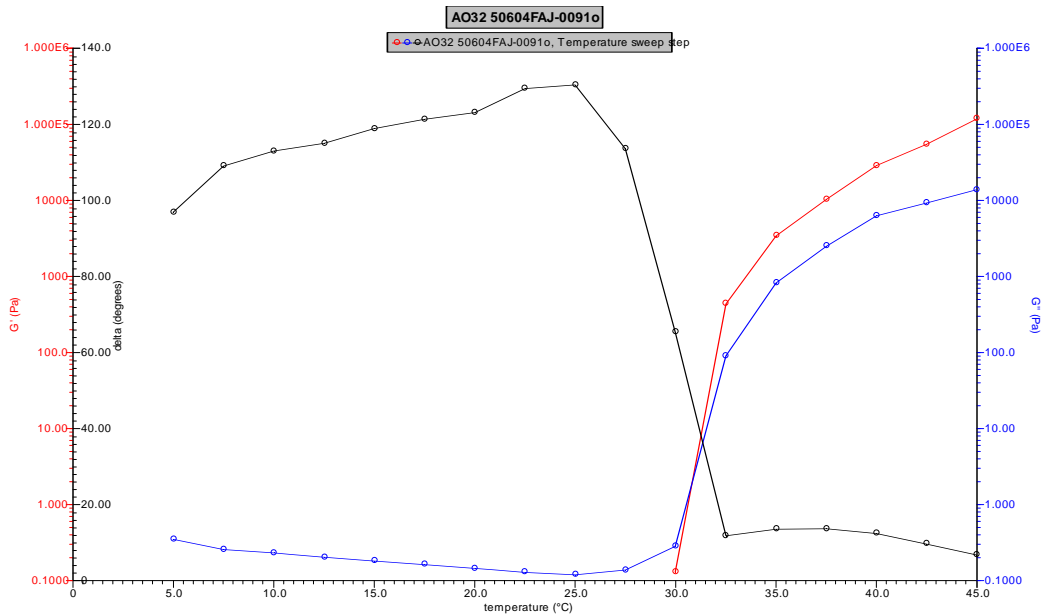
Product Name: Poly(n-isopropylacrylamide-co-methyl methacrylate) (Lot#: 50604FAJ) (REV:A)



• Rheology analysis of P(nipam-MMA) copolymers

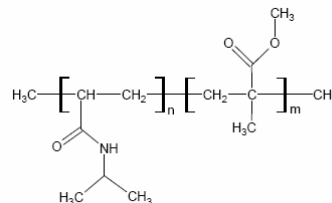
Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on 20% w/v polymer in water dissolved with stirring at 4C. Viscosity of solution at 0.1 (sec-1) and 5C was measured (1minute peak hold 5 second test intervals). Rheology performed by oscillating at constant 6.283 rad/s, 0.1% strain, in increments of 2.5C ranging from 5-45C with 3 minutes of temperature equilibration at each point.

Rheology Chart



Viscosity 20% w/v solution at 5C 0.1226 Pa.s

• Structure of P(nipam-MMA) copolymers



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