

EPI latex library

EPI 20170421  
-60 BA/39 MMA  
1 MAA

EPI 20170422  
-77 BA/22 MMA/

EPI 20170516  
-60 BA/39 MMA/1 MAA

EPI 20170503  
-5 BA/54 MMA/1 MAA

EPI 20170510  
-3 BA/40 St/1 MAA

EPI 20170422  
-60 BA/39 MMA  
1 MAA

EPI 20170516  
-60 BA/39 MMA

EPI 20170503  
-45 BA/54 MMA  
1 MAA

EPI 20170422  
-77 BA/22 MMA  
1 MAA

# BA/MMA with middle Tg (Serial #: EPI20170425)

- Polymer composition: 60BA/39MMA/1MAA
  - Emulsifier: SLS
  - Initiator and chaser: APS, t-BHP, IAA
  - Solid content: 50.6 wt% (measured)
  - Tg: -3.3 °C (measured)
  - Particle diameter: 175 nm (measured)
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- BA: Butyl acrylate; MMA: Methyl methacrylate; St: Styrene; MAA: Methacrylic acid
  - SLS: Sodium lauryl sulfate
  - APS: Ammonium persulfate; t-BHP: t-butyl hydroperoxide; IAA: isoascorbic acid

# BA/MMA with middle Tg, large particle size (Serial #: EPI20170516)

- Polymer composition: 60BA/39MMA/1MAA
- Emulsifier: SLS
- Initiator and chaser: APS, t-BHP, IAA
- Solid content: 57.9 wt% (measured)
- Tg: -0.4 °C (measured)
- Particle diameter: 360 nm (measured)

# BA/MMA with low Tg (Serial #: EPI20170426)

- Polymer composition: 77BA/22MMA/1MAA
- Emulsifier: SLS
- Initiator and chaser: APS, t-BHP, IAA
- Solid content: 52.3 wt% (measured)
- Tg: -25.3 °C (measured)
- Particle diameter: 189 nm (measured)

# BA/MMA with high T<sub>g</sub> (Serial #: EPI20170503)

- Polymer composition: 45BA/54MMA/1MAA
- Emulsifier: SLS
- Initiator and chaser: APS, t-BHP, IAA
- Solid content: 51.1 wt% (measured)
- T<sub>g</sub>: 22.9 °C (measured)
- Particle diameter: 187 nm (measured)

# BA/St with middle Tg (Serial #: EPI20170510)

- Polymer composition: 59BA/40St/1MAA
- Emulsifier: SLS
- Initiator and chaser: APS, t-BHP, IAA
- Solid content: 49.0 wt% (measured)
- Tg: 5.0 °C (measured)
- Particle diameter: 177 nm (measured)