

upper critical solution temperature

Recommended abbreviation: UCST

Critical temperature above which a mixture is miscible.

Notes:

1. Above the UCST and below the LCST, if it exists, a single phase exists for all compositions
2. The UCST depends upon the pressure and molar-mass distributions of the constituent polymer(s).
3. For a mixture containing or consisting of polymeric components, these may be different polymers or species of different molar mass of the same polymer.

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