

gelation temperature

Also contains definition of: gel temperature

Temperature threshold for the formation of a thermoreversible gel.

Notes:

1. A thermoreversible gel is usually formed by cooling a polymer solution. In these cases, the gel temperature is a maximum temperature at which the presence of network is observed.
2. Since gel temperatures depend on the method of determination, this should always be indicated.

Source:

PAC, 2007, 79, 1801 (*Definitions of terms relating to the structure and processing of sols, gels, networks, and inorganic-organic hybrid materials (IUPAC Recommendations 2007)*) on page 1809