

nucleation of phase separation

in polymer chemistry

Initiation of phase domain formation through the presence of heterogeneities.

Note:

In a metastable region of a phase diagram, phase separation is initiated only by nucleation.

Source:

PAC, 2004, 76, 1985 (*Definition of terms related to polymer blends, composites, and multiphase polymeric materials (IUPAC Recommendations 2004)*) on page 1997