

intercalation

in polymer chemistry

Process by which a substance becomes transferred into pre-existing spaces of molecular dimensions in a second substance.

Note:

The term as defined here is specific to polymer science. An alternative definition of 'intercalation' applies in some other fields of chemistry.

Source:

PAC, 2004, 76, 1985 (*Definition of terms related to polymer blends, composites, and multiphase polymeric materials (IUPAC Recommendations 2004)*) on page 1991