

## **impregnation**

*in polymer chemistry*

Penetration of monomeric, oligomeric, or polymeric liquids into an assembly of fibres.

Notes:

1. The term as defined here is specific to polymer science. An alternative definition of 'impregnation' applies in some other fields of chemistry.
2. Impregnation is usually carried out on a woven fabric or a yarn.

**Source:**

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