

optically active polymer

Polymer capable of rotating the polarization plane of a transmitted beam of linear-polarized light.

Notes:

1. **See also:** optical activity.
2. The optical activity originates from the presence of chiral elements in a polymer such as chiral centers or chiral axes due to long-range conformational order in a polymer (helicity) (**See also:** helicity).

Source:

PAC, 2004, 76, 889 (*Definitions of terms relating to reactions of polymers and to functional polymeric materials (IUPAC Recommendations 2003)*) on page 900