

## chelating polymer

Polymer containing ligand groups capable of forming bonds (or other attractive interactions) between two or more separate binding sites within the same ligand group and a single atom.

Notes:

1. Chelating polymers mostly act as ion-exchange polymers specific to ions that form chelates with chelating ligands of the polymer.
2. *See also*: chelation.

**Source:**

PAC, 2004, 76, 889 (*Definitions of terms relating to reactions of polymers and to functional polymeric materials (IUPAC Recommendations 2003)*) on page 895