

ampholytic polymer

Synonym: polyampholyte

Polyelectrolyte composed of macromolecules containing both cationic and anionic groups, or corresponding ionizable groups.

Note:

An ampholytic polymer in which ionic groups of opposite sign are incorporated into the same pendant groups is called, depending on the structure of the pendant groups, a zwitterionic polymer, polymeric inner salt, or polybetaine.

Source:

PAC, 2006, 78, 2067 (*Terminology of polymers containing ionizable or ionic groups and of polymers containing ions (IUPAC Recommendations 2006)*) on page 2068