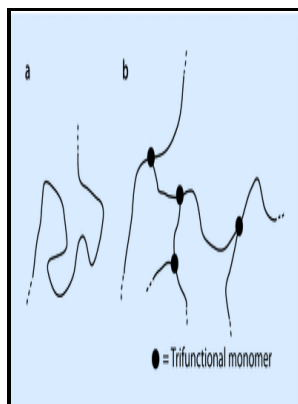


# Polymer chemistry - the basic concepts

M. Dekker - The Basics: Polymer Definition and Properties



Description: -

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Polymerization

Polymers Polymer chemistry - the basic concepts

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Notes: Includes bibliographies and index.

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**Polymer chemistry : the basic concepts : Hiemenz, Paul C., 1936**

This revised edition: Integrates concepts from physics, biology, materials science, chemical engineering, and statistics as needed. There are also some polymers that, instead of having a carbon backbone, have a silicon or phosphorous backbone. You generally think of crystalline structures in table salt and gemstones, but they can occur in plastics.

**tech.radiozameh.com: Customer reviews: Polymer Chemistry: The Basic Concepts**

Incorporates new theories and experiments using the latest tools and instrumentation and topics that appear prominently in current polymer science journals.

## Polymer Fundamentals

While solvents easily dissolve some plastics, other plastics provide safe, non-breakable packages for aggressive solvents. The poly and are derived from phosphorylated sugars with pendant nucleotides that carry genetic information. Reading the warning labels that describe what happens when the chemical comes in contact with skin or eyes or is ingested will emphasize the need for chemical resistance in the plastic packaging.

## Polymer chemistry

In fact, polymer molecules are often hundreds or thousands of monomer units long.

## Polymer chemistry

An Institut für Makromolekulare Chemie was founded in 1940 in Freiburg, Germany under the direction of Staudinger. Paper also produces heat when burned, but not as much as do plastics.

## Basic concept of polymer

Polyurethane Foam in graphic above. Many materials have polymeric structures, from fully inorganic and to and other , however, polymer

chemistry is typically referred to in the context of ,.

### **Polymer chemistry**

Plastic from soft drink and water bottles can be spun into fiber for the production of carpet or made into new food bottles. Polymers affect every day of our life. For 2005 1 the EPA characterization of municipal solid waste before recycling for the United States showed plastics made up 11.

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