

## **polymer support**

Polymer to or in which a reagent or catalyst is chemically bound, immobilized, dispersed, or associated.

Notes:

1. A polymer support is usually a network polymer.
2. A polymer support is usually prepared in bead form by suspension polymerization.
3. The location of active sites introduced into a polymer support depends on the type of polymer support. In a swollen-gel-bead polymer support the active sites are distributed uniformly throughout the beads, whereas in a macroporous-bead polymer support they are predominantly on the internal surfaces of the macropores.

### **Source:**

PAC, 2004, 76, 889 (*Definitions of terms relating to reactions of polymers and to functional polymeric materials (IUPAC Recommendations 2003)*) on page 902