

## 1.121. Polymer Fundamentals: Polymer Synthesis

V Hasirci, P Yilgor, T Endogan, G Eke, and N Hasirci, Middle East Technical University, Ankara, Turkey

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<b>1.121.1.</b>	<b>Introduction to Polymer Science</b>	350
1.121.1.1.	Classification of Polymers	351
1.121.1.2.	Polymerization Systems	352
<b>1.121.2.</b>	<b>Polycondensation</b>	353
1.121.2.1.	Characteristics of Condensation Polymerization	353
1.121.2.2.	Kinetics of Linear Polycondensation	354
1.121.2.2.1.	Molecular weight control in linear polycondensation	355
1.121.2.3.	Nonlinear Polycondensation and Its Kinetics	356
1.121.2.3.1.	Prediction of the gel point	356
1.121.2.4.	Mechanisms of Polycondensation	356
1.121.2.4.1.	Carbonyl addition–elimination mechanism	356
1.121.2.4.2.	Other mechanisms	356
1.121.2.5.	Typical Condensation Polymers and Their Biomedical Applications	357
<b>1.121.3.</b>	<b>Addition Polymerization</b>	357
1.121.3.1.	Free Radical Polymerization	358
1.121.3.1.1.	Initiation	358
1.121.3.1.2.	Propagation	358
1.121.3.1.3.	Termination	359
1.121.3.1.4.	Kinetics of radical polymerization	359
1.121.3.1.5.	Degree of polymerization	359
1.121.3.1.6.	Thermodynamics of polymerization	360
1.121.3.2.	Ionic Polymerization	360
1.121.3.2.1.	Cationic polymerization	360
1.121.3.2.2.	Anionic polymerization	360
1.121.3.3.	Coordination Polymerization	360
1.121.3.4.	Typical Addition Polymers and Their Biomedical Applications	361
1.121.3.5.	Comparison of Addition and Condensation Polymerization	361
1.121.3.6.	New Polymerization Mechanisms	361
1.121.3.6.1.	Atom transfer radical polymerization	361
1.121.3.6.2.	Nitroxide-mediated polymerization	362
1.121.3.6.3.	Reversible addition–fragmentation chain transfer polymerization	362
<b>1.121.4.</b>	<b>Polymer Reactions</b>	363
1.121.4.1.	Copolymerization	363
1.121.4.1.1.	Types of copolymerization	364
1.121.4.1.2.	Effects of copolymerization on properties	365
1.121.4.1.3.	Kinetics of copolymerization	365
1.121.4.2.	Cross-Linking Reactions	367
1.121.4.2.1.	Effect of cross-linking on properties	367
1.121.4.2.2.	Cross-linking of biological polymers	367
1.121.4.2.3.	Cross-linking agents	368
<b>1.121.5.</b>	<b>Conclusion</b>	369
<b>References</b>		370

### Glossary

**Addition polymerization** Rapid polymerization based on initiation, propagation, and termination of double bonded monomers and no small molecules are eliminated.

**Anionic polymerization** Polymerization initiated by a anion.

**Cationic polymerization** Polymerization initiated by cation and propagated by a carbonium ion.

**Condensation polymerization** Polymerization in which polyfunctional reactants produce larger units in a continuous, stepwise manner.

**Coordination polymers** Polymers based on coordination complexes.