

on the nature of the group R in the _____ monomer,
Vinyl

[CHM408] Combination and disproportionation are two ways by which _____ reaction occurs.

Termination

[CHM408] The second part of initiation occurs when the _____ initiator attacks and attaches to a monomer molecule.

Free radical

[CHM408] Radical-initiated polymerizations are generally non-specific but this is not true for _____ initiators

Ionic

[CHM408] In the _____ phase, the newly formed activated monomer attacks and attaches to the double bond of another monomer molecule.

Propagation

[CHM408] The physical properties of a polymer chain depend on the polymer's _____, the amount of branching, and the constituent monomers.

Average length

[CHM408] In free radical, the unpaired electron of the free radical does the electron attack but in _____ The positive or negative ion does the attack.

Ionic

[CHM408] In _____ polymerization, either a carbanion (C^-) or carbonium (C^+) ionic site can be formed in the initiation process.

Ionic

[CHM408] Electron-donating groups which help to stabilize the delocalization of the positive charge in the _____ orbitals of the double bond include the followings except _____

Methyl

[CHM408] Most often the growth of a polymer chain is halted by the _____ reaction.

Termination

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