



Polymer Synthesis

CONTROLLED MACROMOLECULAR SYNTHESIS

KEY WORDS

POLYMER SYNTHESIS,
MACROMOLECULAR
DESIGN,
TAILOR-MADE
POLYMERS

DESCRIPTION

PLAPIQUI has the following capabilities:
Designing complex macromolecular structures by employing the latest synthetic methods
Synthesize “tailor-made” polymers
Modify conventional macromolecules for specific applications
Infer structure/properties relationships
Analyze physicochemical properties in a broad scope
Explore new applications

APPLICATIONS

Custom polymer synthesis
Tailor-made materials
Functional polymer design
Macromolecular modification
Advanced material development
Structure–property optimization
Specialty polymer production
Research and development projects
High-performance materials
Application-driven polymer design
Prototype material development
Innovation in polymer systems

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