

ABSORBABLE POLYMERS for Biomedical Applications



Polymers that are designed to degrade under physiological conditions are referred to as absorbable polymers. These polymers are sometimes also referred to as biodegradable or bioerodible or bioabsorbable polymers.

Bezwada Biomedical is pleased to offer a range of absorbable polymers for technical evaluation and product development. *These absorbable polymers and copolymers can be used in various biomedical applications including*



- *Encapsulation and Controlled drug delivery*
- *Gene Therapy*
- *Dental and Medical Devices*
- *Sutures, Staples, Clips and meshes*
- *Orthopedic fixation devices*
- *Tissue engineering scaffolds*
- *Elastomeric films and medical device coatings*

**Think Absorbable.
Think Bezwada Biomedical**

Available Absorbable Homopolymers

Polymer	Molecular Weight (Da)
Poly(L-lactide)	500-200,000
Poly(DL-lactide)	500-100,000
Poly(glycolide)	500-100,000
Poly(caprolactone)	500-100,000
Poly(p-dioxanone)	500-100,000
Poly(TMC)	500-50,000

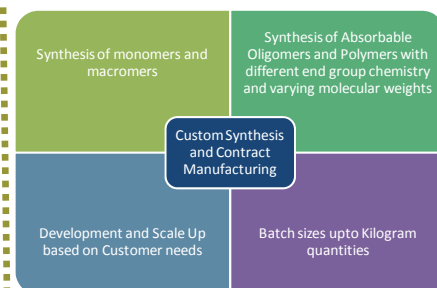
Available PDS Copolymers

Copolymer	Molecular Weight (Da)
PDS/DL-Lactide	500-100,000
PDS/Glycolide	500-100,000
PDS/Caprolactone	500-100,000
PDS/L-Lactide	500-100,000
PDS/DL-Lactide/Caprolactone	500-100,000
PDS/Glycolide/Caprolactone	500-100,000

Available Absorbable Copolymers

Copolymer	Molecular Weight (Da)
L-Lactide/DL-Lactide	500-200,000
L-lactide/Glycolide	500-300,000
L-lactide/Caprolactone	500-300,000
DL-Lactide/Glycolide	500-200,000
DL-Lactide/Caprolactone	500-200,000
Glycolide/Caprolactone	500-100,000
L-lactide/Glycolide/Caprolactone	500-100,000
DL-Lactide/Glycolide/Caprolactone	500-100,000

Please contact us for a quotation for your custom synthesis needs



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