



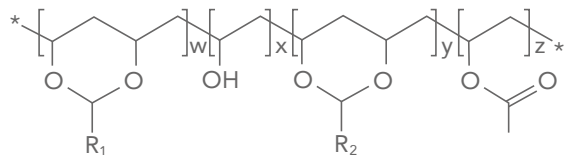
FUNCTIONAL POLYMERS

The CDMO Division of KD Pharma offer well-established experience in the chemical functionalization of custom and designer polymers. We are specialized in polymer production used in sensitive applications, where a high level of confidence in production consistency, regulatory compliance and technical performance is demanded by our clients.

We provide unique modification of existing polymers to impart a given functionality based on specifications provided by our customers.

Polyvinylacetals example: Polycondensation

KD Pharma performs synthesis of custom multifunctional monomers and carries out polycondensation reactions to produce customer-defined condensation polymers.

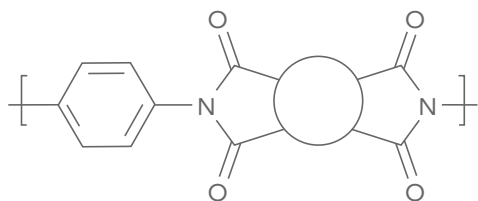


Defined by you.
Scale-up by us.™



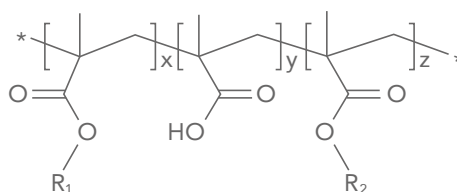
Solution polymerization:

- Polyimides
- Polyamides
- Functional Novolaks
- Phenol resins
- Biocompatible
- DDS (drug delivery systems)



Radical Polymerisation for use in various markets and applications including:

- Lithography
- Coatings
- Electronics
- Medical
- Optical activity



Functional polymethacrylates

A variety of traditional synthetic techniques can be employed, but also controlled radical techniques.

Monomers: High-purity custom monomers and/or oligomers.

Scale-up & Piloting using Controlled Radical Techniques

- Dispersants
- Litho-polymers
- Coating polymers (medical)
- Light/oxygen sensitive substances (photopolymer)

Let's discuss your specific manufacturing challenges today!

Contact us at: CDMO@kdpharmagroup.com

