

# Lifetech™ ECR8204M

Epossidi metacrilato

Lifetech ECR8204M is a hydrophilic, low porosity, methacrylate polymer functionalized with epoxy groups. It is used for covalent enzyme immobilization and is optimized for batch reactor and column processes. Immobilization is performed under very mild experimental conditions of pH and temperature, at high ionic buffer strength.

## PRINCIPALI APPLICAZIONI

- Immobilizzazione covalente degli enzimi
- Gli epossidi formano legami covalenti molto stabili
- Idoneo per l'immobilizzazione di un'ampia gamma di enzimi, incluse le idrolasi
- Accoppiamento di leganti specifici per creare resine ad affinità

## VANTAGGI

- Low porosity
- Simple covalent multipoint immobilization
- Hydrophilic
- High mechanical strength
- Optimal for batch reactor use

## SISTEMI

- Idoneo per configurazioni in batch e in colonna
- Ottimale per tutte le applicazioni in ambiente acquoso

## CERTIFICAZIONI

- esente da TSE BSE OGM
- Risoluzione del Consiglio d'Europa ResAP (2004)3
- Halal
- Kosher

## IMBALLI TIPICI

- 50 g
- 250 g
- 1 kg

## CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Aspetto	White to off white beads
Gruppo funzionale	Epoxy
Fornito come	Wet
Distribuzione granulometrica	300 - 710 µm
Diametro dei pori	300 - 600 Å
Umidità totale	55 - 70 percento
Limite di stabilità del pH	5 - 9
Conservazione/Stoccaggio consigliato	2 - 8 °C
Perfect Bead	min. 95 percento

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