

Lifetech™ ECR8209M

Epoxy Methacrylate

Lifetech ECR8209M is a hydrophilic, medium 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.

GÓWNE ZASTOSOWANIA

- Covalent immobilization of enzymes
- Epoxides form very stable covalent linkages
- Suitable for immobilization of a wide range of enzymes (including hydrolases)
- Coupling of specific ligands to create affinity resin

ZALETY

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

SYSTEMY

- Suitable for batch and column configuration
- Optimal for all applications in aqueous media

ZGODNO Z REGULACJAMI

- TSE/BSE/GMO free
- Council of Europe Resolution ResAP (2004)3
- Halal
- Kosher

DOSTPNO OPAKOWA

- 50g
- 250 g
- 1 kg

PODSTAWOWE WACIWOŚCI FIZYCZNE I CHEMICZNE:

Appearance	White to off white beads
grupa funkcyjna	Epoxy
Supplied as	Wet
Particle Size Range	300 - 710 µm
Pore Diameter	600 - 1200 Å
Total moisture	62 - 72 %
pH Limit Stability	5 - 9
Recommended Storage	2 - 8 °C
Expiry date (from date of manufacture)	6 months
Storage	For optimum storage, keep containers tightly closed in dry, cool and well-ventilated place at temperature between 2-8C. – Product is shipped at ambient where short temperature excursions will not adversely affect the material

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