

PRODUCT DATA SHEET

LifeTech™ ECR8309F

Amino C2 Methacrylate, 150 - 300
µm, Medium pore

PRINCIPAL APPLICATIONS

- Covalent immobilization of enzymes (requires resin pre-activation with glutaraldehyde)
- Can be used also for direct ionic enzyme immobilization
- Ionic immobilization requires pH adjustment (resin is supplied at neutral pH)

ADVANTAGES

- Medium porosity
- Simple covalent enzyme immobilization
- Adjustable pH for ionic immobilization

SYSTEMS

- Particularly suitable for batch configuration
- Optimal for all applications in aqueous media

REGULATORY APPROVALS

- ResAP(2004)3 Status (food grade)
- Halal
- Kosher Certified
- GMO/TSE/BSE free

TYPICAL PACKAGING

- 50g
- 250 g
- 1 kg

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	White to Off-White Spherical Beads
Functional Group	Amino (short spacer)
Supplied as	Wet
Particle Size Range	150 - 300 µm
Pore Diameter	600 - 1200 Å
Total moisture	62 - 72 %
pH Limits, Stability	3 - 10
Storage	2 - 20 °C
Perfect bead	min 95 %
Expiry date (from date of manufacture)	5 Year(s)



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