

PRODUCT DATA SHEET

LifeTech™ ECR1030M

Polymethacrylic/DVB, Non-
Functionalized Resin, 300 - 710 µm

PRINCIPAL APPLICATIONS

- Enzyme immobilization by adsorption
- Lipase immobilization
- Hydrophobic interaction with enzymes

ADVANTAGES

- Extremely high mechanical stability
- High lipase CalB activity
- Low surface area - fast kinetics
- Medium hydrophobicity

SYSTEMS

- Suitable for batch and column configuration
- Optimal for use in organic solvent /water free systems

REGULATORY APPROVALS

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

TYPICAL PACKAGING

- 50g
- 250 g
- 1 kg

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Appearance	White to Off-White Spherical Beads
Functional Group	None
Supplied as	Wet
Particle Size Range	300 - 710 µm
Pore Diameter	220 - 340 Å
Total moisture	57 - 68 %
Storage	2 - 20 °C
pH Limits, Stability	1 - 14
Perfect bead	min. 95%



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