



EXPANDABLE POLYSTYRENE FOOD SAFE REGULAR GRADE (C334L; C334R; C334H)

I. GENERAL DESCRIPTION

Epsilyte Food Safe Regular Grade expandable polystyrene is a regular grade EPS for shape molding. Food Safe Regular Grade resin is a fast cycling/molding product designed for high productivity and molded parts requiring a quality surface finish over a broad range of densities. Food Safe Regular Grade Epsilyte Expandable Polystyrene resin complies with FDA regulations 21 CFR 178.3010 "Adjuvant Substances Used in the Manufacture of Foam Plastics", 21 CFR 177.1640 "Polystyrene and rubber-modified polystyrene" and 21 CFR 174.5 "General Provisions Applicable to Indirect Food Additives" requirements of intended use outlined in Federal Food Drug and Cosmetic Act, as amended and all applicable food additive regulations, provided they are used for the intended purpose under the conditions of Good Manufacturing Practice (GMP).

II. PROPERTIES OF FOOD SAFE REGULAR GRADE EXPANDED POLYSTYRENE

Type	Bead Size	Typical* Unexpanded Particle Size (mm)	Blowing Agent (%)	Recommended Density Range** (lb/ft ³)	Method of Processing
C334L	C	0.4-0.7	4.6 +- 0.2	1.25 - 2.00	Shape
C334R	C	0.4-0.7	4.5 +- 0.2	1.25 - 2.00	Shape
C334H	C	0.4-0.7	6.6 +- 0.3	1.35 - 2.00	Shape

* Typical indicates at least 95% of the product falls within the given particle size range

** Low density on low pentane products attainable with batch or double pass pre-expansion.



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III. APPLICATIONS

Food Safe Regular Grade expandable polystyrene resin is formulated for molded parts requiring an excellent surface finish over a broad range of densities. **It is specifically designed for packaging, food containers, and/or leak-resistant containers such as coolers.** Epsilyte encourages its customers to review their specific applications to ensure the utilization of the appropriate Epsilyte product.

To assure that Epsilyte products are not misapplied or used in any manner which may not have been intended or tested, we suggest a review of proposed applications with Epsilyte personnel to assist in dealing with product approvals, processing, safety, and environmental considerations. Your Epsilyte Sales Representative can arrange for the proper contact with Epsilyte for such review.

IV. SHIPPING AND HANDLING PRECAUTIONS

For further information, please refer to the Epsilyte Safety Data Sheet for product code "C334L; C334R; C334H"; a copy of which is provided with the first shipment or upon request. Printed, Fax, or Electronic File copies of individual SDS may be requested by contacting our Customer Service representatives, Mon – Fri 8:00 AM to 5:00 PM CST, at 1-815-224-1525.

V. MANUFACTURING LOCATIONS

Montreal, Quebec

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