



EXPANDABLE POLYSTYRENE LOST FOAM GRADE TDS (D180F; T170C; T170E; T175A; T180C; T180F; T185F)

I. GENERAL DESCRIPTION

Epsilyte Lost Foam Grade expandable polystyrene is a Lost Foam Grade EPS for Lost Foam applications. Lost Foam 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.

II. PROPERTIES OF LOST FOAM GRADE EXPANDED POLYSTYRENE

Type	Bead Size	Typical* Unexpanded Particle Size (mm)	Blowing Agent (%)	Recommended Density Range** (lb/ft ³)	Method of Processing
D180F	T	0.3-0.65	6.6 +- 0.4	1.00 - 10.00	Lost Foam
T170C	T	0.3-0.5	6.2 +- 0.3	1.50 - 10.00	Lost Foam
T170E	T	0.3-0.5	6.2 +- 0.3	1.50 - 10.00	Lost Foam
T175A	T	0.3-0.5	6.2 +- 0.3	1.50 - 10.00	Lost Foam
T180C	T	0.3-0.5	6.8 +- 0.3	1.10 - 10.00	Lost Foam
T180F	T	0.3-0.5	6.2 +- 0.3	1.10 - 10.00	Lost Foam
T185F	T	0.3-0.5	6.2 +- 0.3	1.10 - 10.00	Lost Foam

* 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

Lost Foam Grade regular expandable polystyrene resin is formulated for molded parts requiring an excellent surface finish over a broad range of densities. It is specifically designed for use in lost foam applications. 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 "D180F; T170C; T170E; T175A; T180C; T180F; T185F"; 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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