



Advanced EPS 50% Certified Post-Consumer Recycled Content

INNOVATION AND RECYCLING

Epsilyte's Piqua, Ohio facility uses cutting-edge extrusion technology to enable advanced recycling. The resulting material contains at least 50% certified post-consumer recycled polystyrene, verified annually by SCS Global Services. Proprietary engineering and coating techniques ensure recycled content performs equal to, or better than, virgin resin. Epsilyte is striving toward a future where 100% recycled polystyrene formulations are possible.

CERTIFIED BY SCS GLOBAL

Epsilyte's recycled EPS conforms to the SCS Recycled Content Standard V8-0 for a minimum of 50% post-consumer recycled content.

DURABLE PROTECTION WITH CLOSED-LOOP RECOVER

Epsilyte's recyclable EPS grades provide molded protective parts that can be reintegrated into established recycling streams. It supports industries seeking to balance packaging durability with end-of-life sustainability. From large-scale appliance shipping to custom furniture packaging, recyclable EPS delivers consistent strength and impact performance while contributing to closed-loop material recovery.





From consumer goods packaging, appliance packaging, and cold chain shippers pharma shippers, Epsilyte's EPS with certified post-consumer recycled content is suited for various shape molding applications with target densities in the 1.25-2.5 pcf range.

PROVEN PERFORMANCE BENEFITS

FASTER CYCLE TIMES

Cool times are comparable to other pentane-based materials (~4.5% range). This enables seamless changeovers with minimal equipment adjustments, keeping production efficient.

RELIABLE R-VALUE

Delivers consistent thermal insulation performance for demanding applications, including cold chain and pharmaceutical shipping.

STRENGTH AND DURABILITY

Maintains flexural and compressive strength at 1.35 pcf density, ensuring dependable protection for molded parts.

CERTIFIED SUSTAINABILITY

Independently audited and certified annually to contain a minimum of 50% recycled content, verified under the SCS Recycled Content Standard V8-0.

