

ECOSURE® BIOBLAST™

EcoSure BioBlast nonwoven fibers biodegrade at least **12 times faster** in a year.

EcoSure® BioBlast™ by Poole Company is a new biodegradable polyester fiber made from 100% recycled PET bottles and is shaking up the household wipes market as the first tested and proven fiber to accelerate degradation in an oxygen-deficient environment. As big brands and private labels address a growing need to be more sustainable from a recycled AND bio-degradable perspective, Poole Company specialists have developed the right fiber with the right properties that will positively impact the landfill option.

Benefits:

- Soft, durable
- Environmentally conscious (made from recycled materials)
- Enhanced biodegradation properties (preventing landfill buildup)
- Competitively priced (with other fibers and polymers with bio-based claims)
- Easy to process (contributing to a more efficient production of wipes)

MORE SUSTAINABLE FROM A RECYCLED AND BIO-DEGRADABLE PERSPECTIVE

EcoSure BioBlast is a polymer-based nonwoven fiber using the company's EcoSure, 100% PCR PET fiber, yet specifically designed to help break down under anaerobic conditions. This is significant in a consumer world where single-use wipes are much more prevalent than reusable wipes. EcoSure BioBlast addresses what happens after disposal and how well the item behaves in a landfill. It is not only made from recycled materials giving the bottle a second life but it also has enhanced biodegradation properties to prevent decades of landfill buildup.

"Recycling only goes so far. Consumers have no choice but to throw away single-use counter wipes and diapers because there are not proper recycling facilities or processes to repurpose a used or soiled wipe."

Bynum Poole
Poole Company President



GOOD FOR THE PARTNER, CONSUMER, AND ENVIRONMENT

In controlled laboratory, oxygen-deficient conditions, third-party testing proved that EcoSure BioBlast fibers biodegrade at least 12 times faster over a year, compared to traditional polyester and petroleum-based fibers. In addition to their ability to accelerate degradation, the fibers are soft, durable and strong and have the same physical properties as polyester.

One-year statistics from the testing concluded:

- EcoSure BioBlast nonwoven had 72.5% biodegradation
- Control polyester nonwoven had 6.0% biodegradation
- Control polyethylene sample had 5.2% biodegradation
- Cellulosic (wood/paper) sample had 75.7% biodegradation

ECOSURE® BioBlast



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