

NAN YA
BIODEGRADABLE POLYESTER FILAMENT
GREENONE

ANAEROBIC
DECOMPOSITION

FEATURES

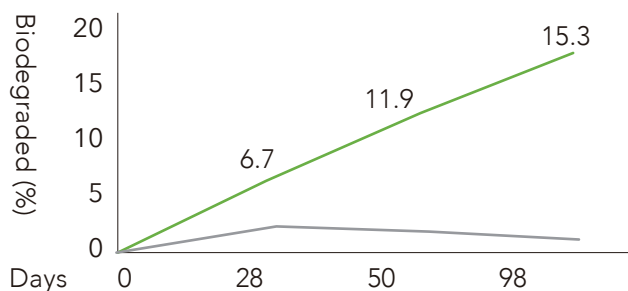
- Biodegradation in landfills
- Turn into CO_2 , CH_4 and inert humus
- CH_4 can be recaptured for renewable energy
- Fabrics can be cared for in their usual manner

GREENONE

ANAEROBIC DECOMPOSITION

TECHNICAL DETAILS

BIODEGRADATION REPORT @ 98 DAYS



*ASTM D5511 Method

— GREENONE — Reference

COMBINE WITH OTHER ECO-FRIENDLY TECHNOLOGY

- Heavy metal free polyester
- Recycled polyester
- Biopolyester

APPLICATION

- Sportswear
- Casual wear
- Shoe material
- Upholstery fabrics

BIODEGRADATION PROCESS

1. Anaerobic environment
2. Attracting microbes into the fiber
3. Swelling, breaking down the chemical bonds of the PET
4. Complete decomposition



南亞塑膠工業股份有限公司
NAN YA PLASTICS CORPORATION

Erich Huang | 886-2-27178327
erichhuang@npc.com.tw
No. 201, Dunhua N. Rd., Songshan Dist.,
Taipei City 105, Taiwan