



TerraPET™ renewable resource APET films

Consisting of up to 30% renewable resource content, Pentaclear®, Pentaform®, and Pentafood® rigid TerraPET™ films provide the same brilliant cosmetic clarity and performance properties as standard APET films while helping customers meet their sustainable packaging goals. Made in part from sugar cane, TerraPET™ films allow customers to replace fossil fuel based material with up to 30% plant based material.

TerraPET™ films have the same performance properties as standard APET films so there is no need to change tooling or package design. These films process on existing equipment in the same thermoforming range and have the same cuttability as standard APET. With a heat-deflection temperature of over 145°F, no special handling or logistics are necessary.

As with standard APET films, packages produced with these films can be marked with SPI resin identification code 1 and waste from thermoforming operations is compatible with existing pre-consumer recycling streams.

Polymers:

PET films made from up to 30% sugar cane

Applications:

Blisters

Clamshells

Trays

Other thermoformed applications

Transparent boxes & windows, box lids, rounds & non-thermoformed packages

General Properties:

Certified film

Same performance properties as standard APET films

No need to change tooling or package design

Can be marked with SPI resin identification code 1

Waste from thermoforming operations is compatible with existing pre-consumer recycling streams

Performance Features:

- Same thermoforming range as standard APET films
- Same cuttability as standard APET films
- No special handling or logistics necessary due to heat-deflection temperature of over 145°F
- Runs on standard thermoforming & FFS equipment
- Pentafood® TerraPET™ films are compliant with all applicable FDA standards for direct food contact

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