

Traverse[®] TF4000

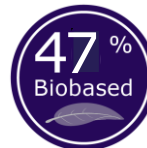
Thermoforming Packaging Material with Enhanced Thermal Properties

Designed specifically for ISTA 2A test requirements, Traverse[®] TF4000 withstands overseas and warm climate shipping conditions, while also delivering more bio-based content than competitors. With superior impact resistance and excellent clarity, TF4000 is a drop-in material replacement for PET, recycled PET, PVC and PS.



Environmental Benefits

- **47% biobased** according to ASTM D6866
- **Reduced carbon footprint**
- **Recyclable**
- **Reduced energy consumption**
- **Material reduction** due to lower density



Performance

- **High impact resistance**
- **High durability**
- **Heat resistance at 55°C (130 °F)**
meeting rigorous shipping conditions, according to ISTA 2A
- **Highly transparent with excellent clarity** (haze levels 3 to 8%)
- **Higher rigidity and lower density than PET**

Processing

- **No specialized production facilities required**
designed specifically to be dropped into existing extrusion and thermoforming facilities
- **Lower processing temperature**
- **Yield improvement** due to lower density and downgauging
- **Designed for packaging applications**
 - Works with RF die-cutting, coining and hinged applications
 - Works with RF sealing, heat sealing and US welding

Solegear's Traverse[®] bioplastics are engineered with the maximum possible bio-based content for high performance applications. Traverse[®] is 100% recyclable and contains no chemicals of concern.

Solegear Bioplastic Technologies Inc.

#300 - 110 West Hastings St.
Vancouver, BC
V6B 1G8 Canada

+1.604.998.4058
www.solegear.ca
info@solegear.ca

