

# Polysole<sup>®</sup> TF2000

## Rigid Thermoforming Packaging Material

Designed for thermoformed packaging that demands high impact resistance with no loss of clarity, Polysole<sup>®</sup> TF2000 readily supports deep draw applications and is a drop-in material replacement for PET, recycled PET, PVC and PS.

### Environmental Benefits

- **Over 95% biobased** according to ASTM D6866
- **Reduced carbon footprint**
- **Compostable** in industrial composting facilities
- **Recyclable**
- **Reduced energy consumption**
- **Material reduction** due to lower density than its petroleum based counterparts



### Performance

- **High impact resistance**
- **Highly transparent with excellent clarity**
- **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**  
resulting in lower energy consumption during manufacturing
- **Yield improvement** due to lower density and downgauging
- **Designed for packaging applications**
  - Drop-in replacement for PET, rPET, PVC and PS
  - Works with RF die-cutting, coining and hinged applications
  - Works with RF sealing, heat sealing and US welding



Solegear's Polysole<sup>®</sup> bioplastics are engineered with the maximum possible bio-based content and no chemicals of concern. Polysole<sup>®</sup> is 100% recyclable and compostable where industrial facilities exist.

Solegear Bioplastic Technologies Inc.  
 #300 - 110 West Hastings St.  
 Vancouver, BC  
 V6B 1G8 Canada  
 +1.604.998.4058  
[www.solegear.ca](http://www.solegear.ca)  
[info@solegear.ca](mailto:info@solegear.ca)