

Polysole[®] RenewTech[™]

Food-Grade Thermoforming Packaging Material

Designed for fully bio-based food packaging applications that demand high stiffness and excellent clarity, Polysole[®] RenewTech[™] is FDA compliant and a drop-in material replacement for PET, R-PET and PS.

Environmental Benefits

- **Over 99% biobased** according to ASTM D6866
- **FDA Compliant**
- **Reduced carbon footprint**
- **Compostable** in industrial composting facilities
- **Recyclable**
- **Material reduction** due to lower density than its petroleum based counterparts



Performance

- **Excellent Clarity** with superior visual quality
- **High stiffness**
- **Flavor and aroma barrier**
- **Excellent print and lamination possibilities**



Processing

- **No specialized production facilities required**
designed specifically to be dropped into existing extrusion and thermoforming facilities
- **Lower processing temperature**
resulting in reduced energy consumption during manufacturing
- **Yield improvement** due to lower density and downgauging
- **Designed for packaging applications**
 - Food packaging & tray packaging
 - Thermoformed hinged packaging



Solegear's Polysole[®] bioplastics are engineered with the maximum possible bio-based content and no chemicals of concern. Polysole[®] 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
info@solegear.ca