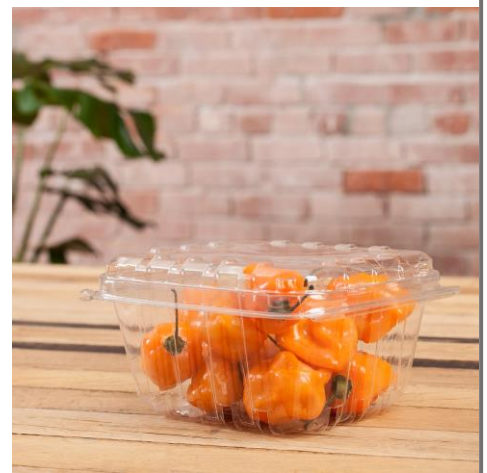


Polysole[®] RenewTech[™]

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, recycled PET and PS.

- 🔸 **Over 99% biobased**
- 🔸 **Food contact approved**
- 🔸 **Excellent clarity**
- 🔸 **Compostable in industrial facilities**
- 🔸 **Recyclable**
- 🔸 **Excellent flavor and aroma barrier**
- 🔸 **High stiffness and rigidity**
- 🔸 **Excellent print and lamination**



Typical Material Properties^(*)

Physical Properties	Polysole [®] RenewTech [™]	ASTM Method
Specific Gravity	1.24	D792
Melt Flow Index (190 °C, 2.16 kg), g/10 min	4-8	D1238
Clarity	Transparent	D1003
Mechanical Properties		
Tensile Strength, at Break, psi (MPa) at Yield, psi (MPa)	7 700 (53) 8 700 (60)	D882
Tensile Modulus, psi (MPa)	500 000 (3 500)	D882
Tensile Elongation, %	6	D882
Notched Izod Impact, ft-lb/in (J/m)	0.24 (12.81)	D256

Note: Polysole[®] RenewTech[™] shrinkage is comparable to PET.

Solegear encourages the recovery of Traverse[®] and Polysole[®] products

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

(*) Typical properties; not to be construed as specification limits