

Polysole[®] TF2010

Non-GMO Thermoforming Packaging Material

For applications that would benefit from non-GMO feedstock, Polysole[®] TF2010 delivers comparable performance characteristics for transparent thermoformed packaging and assembled containers. TF2010 is FDA compliant and a drop-in material replacement for PET, recycled PET and PS.

- **Over 99% biobased**
- **Compostable in industrial facilities**
- **Recyclable**
- **Non-GMO certified**
- **Highly transparent**
- **Higher rigidity and lower density than PET**



Typical Material Properties^(*)

Physical Properties	Polysole [®] TF2010	ASTM Method
Specific Gravity	1.24	D792
Haze, 18 mils, %	7	D1003
Luminous Transmittance, 18 mils, %	93	D1003
Mechanical Properties		
Ultimate Tensile Strength, psi (MPa)	8 500 (58)	D882
Tensile Modulus, psi (MPa)	480 000 (3 300)	D882
Elongation at yield, (at break) %	3.1 (6)	D882
Gardner Impact Resistance, 18 mils, MFE, lbf.in (J)	1.1 (0.12)	D5420
<i>Note: Polysole[®] TF2010 shrinkage is comparable to PET.</i>		

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.

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