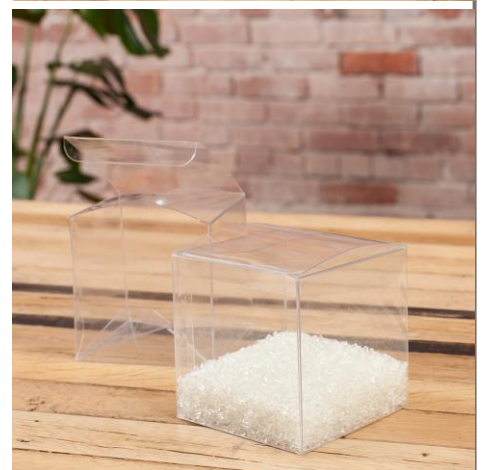


### Polysole<sup>®</sup> TF2020

#### Die Cut & Folded Carton Rigid Packaging Material

With superior impact resistance and excellent clarity, Polysole<sup>®</sup> TF2020 delivers high fatigue resistance for living hinges. TF2020 is an excellent choice for fold/box forming packaging, coining and micro-perforation applications and is a drop-in material replacement for PET, recycled PET, PVC and PS.

- 🔸 **90% biobased**
- 🔸 **Superior impact resistance**
- 🔸 **Compostable in industrial facilities**
- 🔸 **Recyclable**
- 🔸 **Highly transparent**
- 🔸 **Higher rigidity and lower density than PET**
- 🔸 **Readily supports deep draw designs**



#### Typical Material Properties<sup>(\*)</sup>

Physical Properties	Polysole <sup>®</sup> TF2020	ASTM Method
Specific Gravity	1.24	D792
Haze, 18 mils, %	7	D1003
Luminous Transmittance, 18 mils, %	94	D1003
<b>Mechanical Properties</b>		
Ultimate Tensile Strength, psi (MPa)	8 000 (55)	D882
Tensile Modulus, psi (MPa)	380 000 (2 600)	D882
Elongation at yield, (at break) %	4.8 (10.2)	D882
Gardner Impact Resistance, 18 mils, MFE, lbf.in (J)	9.7 (1.1)	D5420
<i>Note: Polysole<sup>®</sup> TF2020 shrinkage is comparable to PET.</i>		

Solegear encourages the recovery of Traverse<sup>®</sup> and Polysole<sup>®</sup> products

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.

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