

Polysole[®] LV2080

Translucent Injection Molding Material

With excellent impact resistance and over 90% bio-based content, Polysole[®] LV2080's translucency can deliver a fresh, modern look to injection-molded durable goods and rigid packaging, like pots, tubes and jars. LV2080 is a bio-based alternative to PP and HIPS.

- **Over 90% biobased**
- **Hoigh impact resistance**
- **High stiffness & strength**
- **Recyclable**
- **Compostable in industrial facilities**
- **Optimized for thin wall applications and threaded lids**



Typical Material Properties^(*)

Physical Properties	Polysole [®] LV2080	ASTM Method
Specific Gravity	1.24	D792
Melt Flow Index (190 °C, 2.16 kg), g/10 min	32-35	D1238
Clarity	Transparent	
Mechanical Properties		
Tensile Strength at yield, psi (MPa)	8 800 (60)	D638
Tensile Elongation at yield, %	4.5	D638
Flexural Strength, psi (MPa)	15 600 (107)	D790
Notched Izod Impact, ft-lb/in (J/m)	0.46 (25)	D256

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