

# Polysole<sup>®</sup> LV1250

## High Flow Injection Molding Material

Optimized for precision-designed rigid packaging and durable goods that demand high impact resistance, Polysole<sup>®</sup> LV1250 is a bio-based alternative to PP and HIPS. Its superior strength and optimized flow rate makes it an ideal candidate for thin-wall injection molding applications.

### Environmental Benefits

- 85% **biobased** according to ASTM D6866
- Reduced carbon footprint**
- Compostable** in industrial composting facilities
- Recyclable**
- Reduced energy consumption**



### Performance

- High impact resistance**
- High stiffness & strength**

### Processing

- No specialized production facilities required**  
designed specifically to be dropped into existing injection molding facilities
- Lower processing temperature**  
resulting in reduced energy consumption during manufacturing than petroleum-based plastics
- Designed for injection molding applications**
  - Biobased alternative to PP and HIPS.
  - Optimized for thin wall applications.
  - Similar cycle time to its petroleum-based counterparts.



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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