

# Polysole<sup>®</sup> XD2500

## Translucent Flax-Filled Injection Molding Material

Produced using 75% bio-based content, including 10% flax sheaves that would have otherwise been agricultural waste, Polysole<sup>®</sup> XD2500 is suitable for applications that demand high strength with a touch of translucency.

### Environmental Benefits

- Over **75% biobased** according to ASTM D6866
- Reduced carbon footprint**
- Compostable** in industrial composting facilities
- Recyclable**
- Reduced energy consumption**
- Adds value to byproducts of the agro industry**



### Performance

- High impact resistance**
- High Rigidity & strength**
- Translucent**

### Processing

- No specialized production facilities required**  
designed specifically to be dropped into existing processing equipments
- Lower processing temperature**  
resulting in reduced energy consumption during manufacturing than petroleum-based plastics
- Designed for injection molding applications**
  - Similar cycle time to its petroleum-based counterparts
  - Works with standard printing and assembly techniques



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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