



# PLA MULTIFILAMENT YARNS

**100% BIO-BASED**  
**100% RENEWABLE**  
**100% SUSTAINABLE**

#### Product range

- 400–6000 denier
- Flat (intermingled)
- Twisted (35–200 tpm)
- Air-jet textured
- Available in solution dyed colors

#### Safety & thermal properties

- Low flammability (LOI 26)
- Very low smoke generation
- Melting point: 170°C
- Thermal stability up to 130°C

#### Performance advantages

- Good UV resistance
- Superior moisture management (moisture regain: 0.4–0.6%)
- Soft touch & comfort
- Excellent wicking properties
- Density: 1.24 g/cm<sup>3</sup>

#### Sustainability impact

- Made from 100% renewable resources
- Plants absorb CO<sub>2</sub> during growth
- Up to 60% less CO<sub>2</sub> emissions vs PET
- 50% less fossil energy consumption
- Industrially compostable or recyclable
- Oeko-tex® certified



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