



# PLA MULTIFILAMENT YARNS

## SUSTAINABLE & CIRCULAR YARN

- **Denier range: 400-6000 den.**
- **Flat (Intermingled) - Twisted (35-200 Tpm) or Air-jet textured**
- **Available in several solution dyed Colors**
- Made from 100% bio-based and renewable raw materials
- Very low carbon footprint (plants absorb CO<sub>2</sub> during growth)
- Low Flammability (LOI of 26) and very low smoke generation
- High resilience
- Excellent UV light resistance
- Melting point of 170°C (thermal stability up to 130°C)
- Can be solution dyed in the extrusion process or afterwards using disperse dyes
- Excellent wicking, moisture management and comfort properties
- Moisture Regain of 0,4-0,6%
- Specific Gravity of 1,24g/cm
- Can be industrially composted or chemically recycled
- PLA production emits 60% less greenhouse gas and uses 50% less non-renewable energy than PET production
- Oeko-Tex approved